

NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**OAK**

**PHOTOGRAPHIC INTERPRETATION REPORT**

**KH-4 MISSION 1114**

**IPIR NUMBER 2**

**MISSION 1114-2 OAK**

**31 MARCH - 8 APRIL 1971**

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Talent-Keyhole  
Channels Only**

**TOP SECRET**

**TCS-20145/71**

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**TARGET CATEGORIES  
AND  
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- |  |   |
|--|---|
| 1. STRATEGIC SSM<br>Deployed Strategic SSM Facilities (A)  | 7. GROUND<br>Ground Force Facilities (G)  |
| 2. MISSILE RANGES<br>Missile Ranges: Strategic SSM/Space Facilities (P)<br>Missile Ranges: Air-Launched Missile Facilities (Q)<br>Missile Ranges: Naval-Launched Missile Facilities (R)<br>Missile Ranges: Tactical SSM Facilities (S)<br>Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM<br>Deployed Tactical SSM Facilities (H)   |
| 3. AIR DEFENSE MISSILES<br>Deployed AMM Facilities (B)<br>Deployed SAM Facilities (D)  | 9. LOGISTICS<br>Military Logistics Facilities (K)   |
| 4. ELECTRONICS/COMMUNICATIONS<br>Deployed Communication/Electronic/Radar Facilities (C)  | 10. NUCLEAR ENERGY<br>Atomic Energy Facilities (O)  |
| 5. AIR<br>Air Base Facilities (E)  | 11. CBR<br>CBR Facilities (V)   |
| 6. NAVAL<br>Naval Base Facilities (F)  | 12. INDUSTRY<br>Strategic Weapons Industrial Facilities (J)<br>General Purpose Weapons Industrial Facilities (L)<br>Non-Military Industrial Facilities (N)<br>Communication/Electronic/Radar R&D Facilities (U) |
|  | 13. MISCELLANEOUS<br>Non-Military Logistics Facilities (M)<br>Miscellaneous/Unidentified Facilities (Z)   |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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25X6

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PREFACE

# PREFACE

THIS OAK REPORT ON MISSION 1114-2 PROVIDES INFORMATION ON ALL A  
AND B PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY. FOR  
ADDITIONAL PREFACE DETAILS SEE OAK REPORT 1114-1.

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HIGHLIGHTS

### MISSION HIGHLIGHTS

USSR

#### MISSILE ACTIVITY

1. NEW CONSTRUCTION ACTIVITY WAS OBSERVED AT MOSCOW ABM LAUNCH COMPLEX E21. THIS IS THE SECOND FORMERLY INACTIVE ABM LAUNCH COMPLEX IN THE MOSCOW AREA AT WHICH NEW CONSTRUCTION WAS OBSERVED ON THIS MISSION. THE OTHER WAS AT MOSCOW ABM LAUNCH COMPLEX E15.

2. FORTY-THREE GALOSH MISSILE CANISTERS WERE OBSERVED AT THE MOSCOW ABM SUPPORT FACILITY BOROVSK. THESE 43 CANISTERS, PLUS 14 CANISTERS OBSERVED AT THE FOUR OPERATIONAL ABM LAUNCH COMPLEXES, MAKE THE HIGHEST TOTAL OF GALOSH CANISTERS EVER OBSERVED IN THE MOSCOW AREA. THE PREVIOUS HIGH COUNT WAS 45 CANISTERS, IN [REDACTED]

25X1D

#### AIRCRAFT ACTIVITY

3. A LARGE NEW FOUR-ENGINE SOVIET JET TRANSPORT WAS IDENTIFIED AT RAMENSKOYE FLIGHT TEST CENTER ON [REDACTED] THE AIRCRAFT IS LOCATED IN THE ILYUSHIN AREA OF THE TEST CENTER AND IS SIMILAR TO THE LOCKHEED C-141 STARLIFTER.

25X1D

25X2

#### NAVAL ACTIVITY

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HIGHLIGHTS

25X1D 6. A POSSIBLE C-CLASS SSGN WAS OBSERVED AT GORKIY 112, ON [REDACTED] IF CONFIRMED, IT WOULD BE THE SEVENTH UNIT OF ITS CLASS.

25X1D

25X1D 7. THE PROBABLE A-CLASS SSN OBSERVED ON [REDACTED] ALONGSIDE THE QUAY AT THE SEVERODVINSK SHIPYARD YAGRY ISLAND REMAINED AT THE SAME POSITION ON [REDACTED]

25X1D

#### ELECTRONICS ACTIVITY

8. PREPARATIONS WERE UNDERWAY FOR THE CONSTRUCTION OF A PROBABLE SECOND ABM BISTATIC RADAR AT CHEKHOV ABM/SPACE RADAR SITE A AND AT SITE B. THESE WILL BE ORIENTED AT APPROXIMATELY 100 DEGREES, TOWARD CENTRAL CHINA.

#### INDUSTRY

25X1D 9. A ROCKET MOTOR WAS TEST FIRED IN THE ISOLATED TEST POSITION AT THE BIYSK ROCKET MOTOR TEST FACILITY ON [REDACTED]

25X1D

#### CHINA

#### NAVAL ACTIVITY

10. FOUR R-CLASS SUBMARINES WERE OBSERVED AT YU-LIN NAVAL FACILITY SOUTH. THIS REPRESENTS THE SOUTHERNMOST DEPLOYMENT OF SUBMARINES OBSERVED IN CHINA.

#### AIR ACTIVITY

11. SSU-MAO AIRFIELD NORTH IS OPERATIONAL. ONE PROBABLE CRATE AIRCRAFT WAS AT THE AIRFIELD ON [REDACTED]

25X1D

#### EGYPT

#### AIR ACTIVITY

12. THREE FOXBAT AIRCRAFT WERE IDENTIFIED AT CAIRO AIRFIELD WEST. THIS WAS THE FIRST TIME FOXBAT AIRCRAFT HAD BEEN IDENTIFIED IN EGYPT AND THE FIRST TIME THEY HAD BEEN SEEN OUTSIDE THE USSR.

#### NORTH KOREA

#### AIR ACTIVITY

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HIGHLIGHTS

13. APPROXIMATELY 25 SMALL SWEEP-WING AIRCRAFT WERE OBSERVED FOR THE FIRST TIME AT SINMUSONG AIRFIELD. THE FIELD IS 6.7 NM SOUTH OF THE CHINA BORDER AND HAS BEEN USED AS AN ALTERNATE BEAGLE (BOMBER) FIELD SINCE IT WAS FIRST OBSERVED UNDER CONSTRUCTION IN [REDACTED] 25X1D

14. BEAGLE BOMBERS WERE OBSERVED FOR THE FIRST TIME AT SONDONG-NI AIRFIELD.

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CHINA, COMMUNIST  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D CHANG-CHIA-KOU AIRFIELD SOUTHEAST  
NAC  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
42 SMALL SWEEP-WING 3 PROB SMALL DELTA-WING  
IMAGERY:  
CHIA-LAI-SHIH AIRFIELD  
STATUS: OPERATIONAL  
REMARKS:  
THE HANGAR PREVIOUSLY REPORTED UNDER CONSTRUCTION APPEARED  
EXTERNALLY COMPLETE.  
AIR ORDER OF BATTLE:  
7 SMALL SWEEP-WING  
8 SMALL SWEEP-WING  
IMAGERY:  
IMAGERY:  
CHING-SHUI AIRFIELD  
NAC  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
30 SMALL AIRCRAFT  
IMAGERY:

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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D CHI-LIN/ERH-TAI-TZU AIRFIELD  
[REDACTED] NAC  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
11 POSS SMALL AIRCRAFT  
IMAGERY: [REDACTED]  
25X1A

25X1D CHU-CHENG AIRFIELD  
[REDACTED] NAC  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
30 SMALL SWEEP-WING  
IMAGERY: [REDACTED]  
25X1A

25X1D HAI-KOU AIRFIELD  
[REDACTED] NAC  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
3 SMALL SWEEP-WING  
3 POSS SMALL SWEEP-WING  
1 LIGHT STRAIGHT-WING  
3 SMALL STRAIGHT-WING  
2 PROB HELICOPTERS  
IMAGERY: [REDACTED]  
25X1A

25X1D KAO-MI AIRFIELD  
[REDACTED] NAC  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
32 PROB SMALL SWEEP-WING  
IMAGERY: [REDACTED]  
25X1A

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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D

IMAGERY:

25X1D

25X1D

KUN-MING/WU-CHIA-PU AIRFIELD  
NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

1 CRATE  
1 CAB

2 LIGHT STRAIGHT-WING  
22 POSS SMALL AIRCRAFT

25X1D IMAGERY:

25X1D

KUO-CHUANG AIRFIELD  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

47 SMALL SWEEP-WING

25X1D IMAGERY:

25X1D

LIEN-YUN/PAI-TA-PU AIRFIELD  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

8 SMALL SWEEP-WING (AT  
LEAST)

12 SMALL AIRCRAFT (APPROX)

25X1D IMAGERY:

25X1D

LING-SHUI AIRFIELD

25X1D

STATUS: OPERATIONAL

25X1A

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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:

25X1D

40 SMALL SWEEP-WING  
(APPROX)

25X1D

IMAGERY:

25X1D

NAN-CHING/TA-CHIAO-CHANG AIRFIELD

25X1D

NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

20 BEAGLE

2 PROB LIGHT STRAIGHT-WING

25X1D

IMAGERY:

25X1D

SSU-MAO AIRFIELD NORTH

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION MATERIAL REMAINED ON THE TAXIWAY AND TWO PARKING  
APRONS. CONSTRUCTION WAS CONTINUING ON THE SUPPORT FACILITIES.

THIS IS THE FIRST TIME AN AIRCRAFT HAS BEEN OBSERVED AT THE  
RECONSTRUCTED AIRFIELD.

AIR ORDER OF BATTLE:

25X1D

1 PROB CRATE (ON PARKING  
APRON OF AIR TERMINAL BLDG)

25X1D

IMAGERY:



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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D TANG-KUAN-TUN AIRFIELD  
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

35 PROB SMALL SWEEP-WING

25X1D IMAGERY:

25X1D TAN-YANG AIRFIELD

25X1D

[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

35 BEAGLE

4 SMALL STRAIGHT-WING

25X1D IMAGERY:

25X1D TA-TUNG/CHING-SHUI-HO AIRFIELD

25X1D

[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

19 PROB BEAGLE

25X1D IMAGERY:

25X1D TSANG-HSIEN AIRFIELD

25X1D

[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

38 PROB SMALL SWEEP-WING

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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D TUNG-HSIN-CHUANG AIRFIELD  
[REDACTED] NAC

25X1A [REDACTED]

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

2 SMALL STRAIGHT-WING

36 PROB SMALL AIRCRAFT

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

WEI-FANG AIRFIELD  
[REDACTED] NAC

25X1A [REDACTED]

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25 PROB SINO-A

1 SMALL STRAIGHT-WING

13 PROB SMALL SWEEP-WING

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

25X1D

WU-HSI AIRFIELD  
[REDACTED]

25X1A [REDACTED]

STATUS: OPERATIONAL

REMARKS:

THIS WAS THE LARGEST NUMBER OF AIRCRAFT OBSERVED AT THIS  
AIRFIELD SINCE [REDACTED]

25X1D

AIR ORDER OF BATTLE:

45 SMALL SWEEP-WING  
(APPROX)

25X1D

IMAGERY: [REDACTED]

25X1D

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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D WU-HU AIRFIELD 25X1D  
[REDACTED] 25X1A  
STATUS: OPERATIONAL  
REMARKS:  
A PREVIOUSLY UNREPORTED PROBABLE AIRCRAFT DISPERSAL AREA, 3.9  
NM NNW OF THE CENTER OF THE RUNWAY AT [REDACTED]  
CONTAINS AT LEAST 14 REVETTED HARDSTANDS. 25X1D  
25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
15 POSS FISHBED (APPROX) 1 SMALL STRAIGHT-WING (AT  
20 SMALL SWEEP-WING LEAST)  
(APPROX)  
25X1D IMAGERY: [REDACTED]  
25X1D  
25X1D YEN-CHENG AIRFIELD 25X1D  
[REDACTED] NAC [REDACTED]  
STATUS: OPERATIONAL 25X1A  
AIR ORDER OF BATTLE:  
25X1D [REDACTED]  
2 SMALL STRAIGHT-WING 25 SMALL AIRCRAFT (APPROX)  
25X1D IMAGERY: [REDACTED]  
25X1D  
25X1D YEN-CHI AIRFIELD SOUTH 25X1D  
[REDACTED] NAC [REDACTED]  
STATUS: OPERATIONAL 25X1A  
AIR ORDER OF BATTLE:  
25X1D [REDACTED]  
16 PROB SMALL SWEEP-WING  
25X1D IMAGERY: [REDACTED]

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CHINA, COMMUNIST  
AIR BASE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

		25X1D
25X1D	MENG-TZU AIRFIELD WEST [REDACTED] NAC	[REDACTED]
	STATUS: OPERATIONAL	25X1A
	AIR ORDER OF BATTLE: [REDACTED]	
25X1D	NONE DISCERNIBLE	
25X1D	IMAGERY: [REDACTED]	
		25X1D
25X1D	PING-YUAN-CHIEH AIRFIELD [REDACTED]	[REDACTED]
	STATUS: OPERATIONAL	25X1A
	REMARKS: THE AIRFIELD WAS CLOUD COVERED EXCEPT FOR A PORTION OF THE DISPERSAL AREA SE OF THE ESE END OF THE RUNWAY.	
25X1D	AIR ORDER OF BATTLE: [REDACTED]	
	NONE DISCERNIBLE	
25X1D	IMAGERY: [REDACTED]	
		25X1D
25X1D	TANG-SHAN AIRFIELD NORTHWEST [REDACTED] NAC	[REDACTED]
	STATUS: OPERATIONAL	25X1A
25X1D	AIR ORDER OF BATTLE: [REDACTED]	
	NONE DISCERNIBLE	
25X1D	IMAGERY: [REDACTED]	

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25X1D

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CHINA, COMMUNIST  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D YU-LIN NAVAL BASE AND PORT  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

25X1D 1 KIANGNAN DE 1 LCU  
2 PROB KRONSTADT PC 2 POSS P-4 PT

25X1D IMAGERY: [REDACTED]

25X1D

25X1D YU-LIN NAVAL FACILITY SOUTH  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THIS IS THE FIRST IDENTIFICATION OF SUBMARINES AT THIS  
INSTALLATION AND THE SOUTHERNMOST DEPLOYMENT OF SUBMARINES  
OBSERVED IN CHINA.

(SEE ATTACHMENT)

25X1D NAVAL ORDER OF BATTLE:

25X1D 4 R-SS (AT WHARF) 109-33-00)  
1 KIANGNAN DE (MOORED IN 2 POSS LIEN-YUN MSA (AT  
HARBOR AT 18-18-00N WHARF)

25X1D IMAGERY: [REDACTED]

25X1D

25X1D YU-LIN SHIP REPAIR YARD  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

25X1D 1 KIANGNAN DE (AT WHARF)  
2 SMALL COMBATANTS (IN  
GRAVING DOCK)

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CHINA, COMMUNIST  
LOGISTICS

SIGNIFICANT RESULTS

25X1D

25X1D

KUN-MING TRNSLDG YARDS STATION + SHOPS  
NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

THE RAIL YARDS WERE APPROXIMATELY 50 PERCENT FILLED. NO  
MISSILE-RELATED EQUIPMENT WAS OBSERVED.

25X1D

IMAGERY:



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CHINA, COMMUNIST  
INDUSTRY

### SIGNIFICANT RESULTS

25X1D

PAI-TAO-CHEN POSS DAM UCON

25X1D

25X1A

STATUS: UNDER CONSTRUCTION

#### PHYSICAL DESCRIPTION:

IN THE VICINITY OF PAI-TAO-CHENG, 47 NM EAST OF CHUNG-CHING (CHUNG-KING).

A LARGE POSSIBLE CONSTRUCTION SUPPORT SITE FOR A POSSIBLE DAM WAS OBSERVED ON BOTH SIDES OF THE WU CHIANG (RIVER). A NEW SEVEN-SPAN HIGHWAY BRIDGE WAS UNDER CONSTRUCTION. CONSTRUCTION OF THE PIERS WAS COMPLETE, HOWEVER, NO DECKING WAS OBSERVED.

A LARGE CUT WAS OBSERVED ON THE EAST RIVER BANK A SHORT DISTANCE UPSTREAM FROM THE NEW BRIDGE. THIS CUT IS POSSIBLY THE INITIAL CONSTRUCTION OF THE DAM.

ON THE EAST RIVER BANK APPROXIMATELY 95 STORAGE/SUPPORT BUILDINGS (AT LEAST THREE UNDER CONSTRUCTION), 185 WORKERS QUARTERS/CIVILIAN HOUSES, TWO PROBABLE WATER TANKS ON A HILLTOP, AND AT LEAST 175 VEHICLES/PIECES OF EQUIPMENT WERE OBSERVED.

A LARGE CONCRETE BATCH PLANT IS NEAR THE NEW BRIDGE. THE PLANT CONTAINS A LARGE AGGREGATE STORAGE PILE, TWO CONVEYORS, A COVERED BULK CEMENT STORAGE SILO, AND A LARGE MIXER. A PROBABLE NARROW-GAUGE RAIL LINE WAS UNDER CONSTRUCTION CONNECTING THE BATCH PLANT TO OTHER AREAS OF THE EASTERN SUPPORT AREA.

APPROXIMATELY 100 BUILDINGS (HALF OF WHICH APPEAR TO BE WORKERS QUARTERS, THE REMAINDER FOR GENERAL STORAGE AND SUPPORT) ARE ON THE WEST RIVER BANK. SEVEN WERE UNDER CONSTRUCTION. AT LEAST 25 VEHICLES/PIECES OF EQUIPMENT WERE OBSERVED IN THIS AREA. A NEW ROAD HAS BEEN CONSTRUCTED CONNECTING THE AREA TO THE EXISTING ROAD NETWORK.

#### ASSOCIATED OBJECTS:

200 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

#### IMAGE DERIVED COORDINATES:

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25X1D

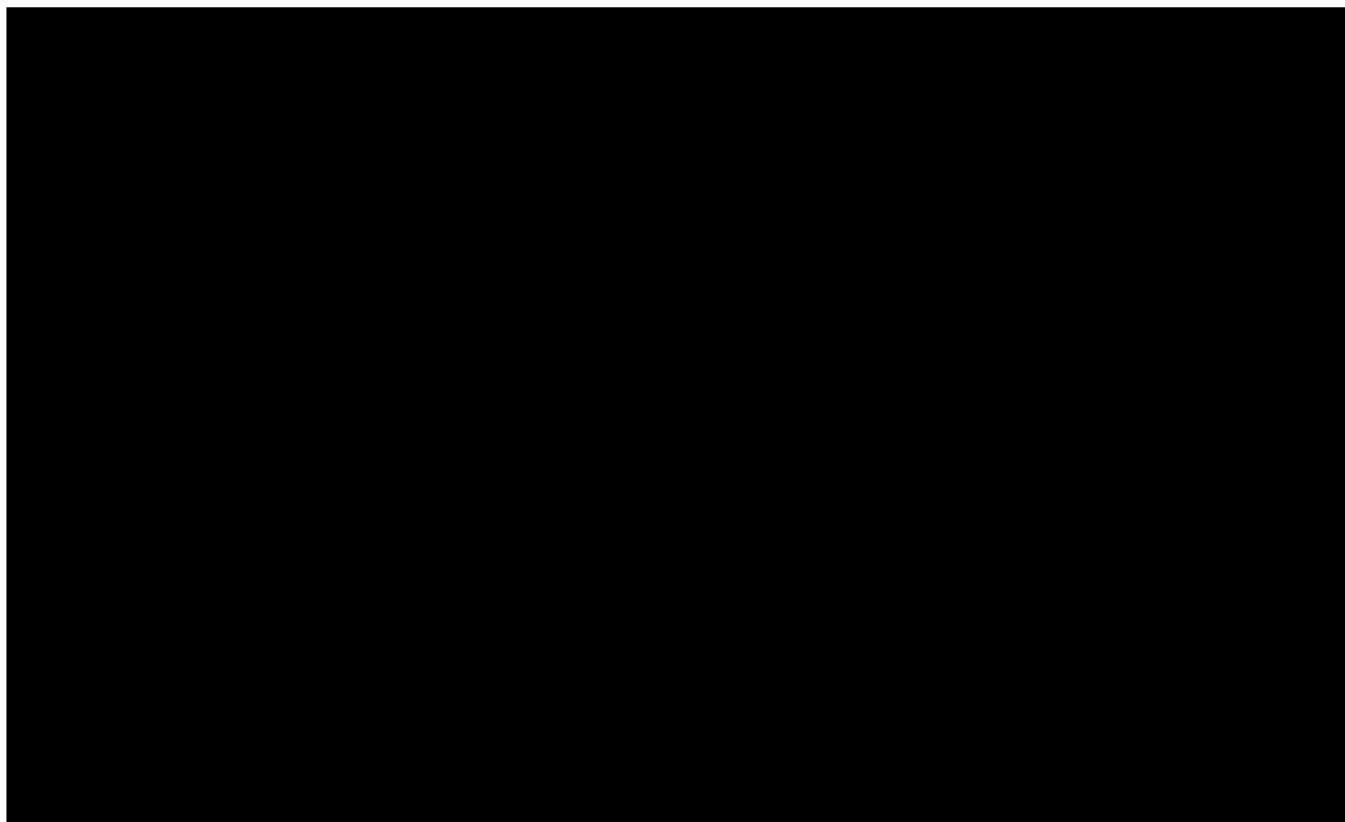
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CHINA, COMMUNIST  
MISCELLANEOUS

SIGNIFICANT RESULTS



25X1D

25X1D

25X1D

PEI-CHING STRONGPOINT 2

STATUS: UNKNOWN

25X1A

REMARKS:

NO CHANGE TO THE INSTALLATION WAS OBSERVED. NO EVIDENCE THAT  
WOULD TEND TO CONFIRM OR NEGATE MISSILE ASSOCIATION WAS  
OBSERVED.

25X1D

IMAGERY:

25X1D

25X1D

TIEN-CHING STRONGPOINT 1

STATUS: UNKNOWN

25X1A

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CHINA, COMMUNIST  
MISCELLANEOUS

REMARKS:

FORTY-EIGHT PROBABLE STORAGE/SUPPORT BUILDINGS HAVE BEEN  
CONSTRUCTED IN THE SUPPORT AREA. NO OTHER ACTIVITY WAS  
OBSERVED. NO EVIDENCE THAT WOULD TEND TO CONFIRM THE FUNCTION  
OF THIS INSTALLATION WAS OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

TIEN-CHING STRONGPOINT 2

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

NO APPARENT CHANGE TO THE INSTALLATION WAS OBSERVED. NO  
EVIDENCE THAT WOULD TEND TO CONFIRM THE FUNCTION OF THIS  
INSTALLATION WAS OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

TIEN-CHING STRONGPOINT 3

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

NO APPARENT CONSTRUCTION ACTIVITY WAS OBSERVED. NO MISSILES OR  
MISSILE-RELATED EQUIPMENT WAS OBSERVED.

25X1D

ASSOCIATED OBJECTS:

12 PROB PIECES OF ROLLING  
STOCK (APPROX) (ON RAIL  
SPUR)

25X1D

IMAGERY: [REDACTED]

HANDLE VIA TOP SECRET RUFF  
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TALENT KEYHOLE  
CONTROL SYSTEM ONLY

TCS-20145/71 - IPIR 2  
KH-4 MISSION 1114-2

UNITED ARAB REPUBLIC  
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

25X1D JABAL HAMZI SSM COMPLEX  
NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

NO NEW BUILDING CONSTRUCTION, MISSILES, OR MISSILE-RELATED  
EQUIPMENT WERE OBSERVED AT THE COMPLEX.

25X1D IMAGERY:

HANDLE VIA TALENT-KEYHOLE  
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UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

### SIGNIFICANT RESULTS

25X1D AL FAYYUM SAM SUPPORT FACILITY 359 25X1D  
[REDACTED] NAC [REDACTED]  
25X1A

STATUS: OPERATIONAL

25X1D MISSILE ORDER OF BATTLE:  
[REDACTED]  
1 POSS SA-2 TRANSPORTER  
POSS MISSILE CANISTERS  
(NUMEROUS)

25X1D IMAGERY: [REDACTED]

25X1D BALUZA HAWK SITE  
[REDACTED] NAC

STATUS: OCCUPIED

25X1D ASSOCIATED OBJECTS:  
[REDACTED]  
5 UNIDENTIFIED OBJECTS

25X1D IMAGERY: [REDACTED]

### OTHER RESULTS-NO APPARENT CHANGE

25X1D AL QAHIRAH DUMMY SAM SITE B09A-2 10 25X1D  
[REDACTED] [REDACTED]

STATUS: UNKNOWN

25X1D IMAGERY: [REDACTED]

25X1D AL QAHIRAH T-SHAPED STRUCTURE 06  
[REDACTED]

STATUS: UNKNOWN

25X1D IMAGERY: [REDACTED]

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25X1D

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

ABU SUNBUL AIRFIELD  
[REDACTED] NAC

25X1D

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

1 PROB COKE

25X1D

IMAGERY: [REDACTED]

25X1D

AL FAYYUM AIRFIELD  
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

2 POSS SMALL SWEEP-WING

1 POSS SMALL AIRCRAFT

25X1D

IMAGERY: [REDACTED]

25X1D

AL RAHMANIYAH AIRFIELD  
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

1 SMALL DELTA-WING

1 SWEEP/DELTA-WING

25X1D

IMAGERY: [REDACTED]

25X1D

ASWAN AIRFIELD  
[REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE THREE LARGE AIRCRAFT  
REVENEMENTS OR SHELTERS IN THE SW DISPERSAL AREA.

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:

1 BADGER  
5 BEAGLE  
1 PROB BEAGLE

1 PROB MEDIUM STRAIGHT-WING  
2 SMALL SWEPT/DELTA-WING

25X1D IMAGERY:

25X1D

BALUZA AIRFIELD

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION WAS UNDERWAY ON A NEW 2,027 X 27-METER (6,650 X 75-FOOT) E/W RUNWAY OF PACKED SAND WITH A SURFACED CENTER STRIP 5 METERS (16 FEET) WIDE. THE CENTER STRIP HAD PAINTED CENTER MARKERS, TOUCH-DOWN MARKERS, AND RUNWAY ORIENTATION NUMBERS. THE TWO OLD RUNWAYS APPEARED TO BE ABANDONED.

25X1D

IMAGERY:

25X1D

25X1D

BENI SUEF AIRFIELD

STATUS: OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION ON THE PARALLEL TAXIWAY AND CROSSOVER LINKS FOR THE NE/SW RUNWAY WHICH WAS OBSERVED IN [REDACTED], HAS 25X1D BEEN COMPLETED. CONSTRUCTION WAS CONTINUING ON A DOUBLE ARCH-ROOFED HANGARETTE.

25X1D

AIR ORDER OF BATTLE:

4 BADGER  
2 POSS BADGER

1 CAT/CUB  
2 POSS AIRCRAFT

25X1D

IMAGERY:

25X1D

25X1D

BILBAYS AIRFIELD

NAC

STATUS: OPERATIONAL

25X1A

HANDLE VIA ~~TOP SECRET RUFF~~  
TALENT KEYHOLE  
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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:

1 POSS FITTER  
3 LIGHT STRAIGHT-WING

2 SMALL STRAIGHT-WING

25X1D IMAGERY:

25X1D

25X1D BIR JIFJAFH AIRFIELD

STATUS: OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION CONTINUED ON THE SIX-BAY HANGARETTE AT THE SE END OF THE RUNWAY. A SECOND HANGARETTE AREA WAS UNDER CONSTRUCTION SOUTH OF THE MAIN RUNWAY.

25X1A

BIR JIFJAFH AIRFIELD WEST [REDACTED] WHICH IS 5 NM TO THE WEST IS A DECOY AIRFIELD FOR THIS OPERATIONAL AIRFIELD.

25X1D AIR ORDER OF BATTLE:

1 NORALTAS  
6 SMALL SWEEP/DELTA-WING

3 PROB SMALL STRAIGHT-WING

25X1D IMAGERY:

25X1D

25X1D BIR JIFJAFH AIRFIELD WEST

STATUS: OPERATIONAL

25X1A

REMARKS:

25X1B THE COMPLETE AIRFIELD PATTERN OF RUNWAY, PARALLEL TAXIWAY, CROSSOVER LINKS, END-CONNECTING LINKS, AND ALERT APRONS HAD

25X1A [REDACTED] 5 NM TO THE EAST. NO SUPPORT FACILITIES WERE OBSERVED.

25X1D AIR ORDER OF BATTLE:

NONE PRESENT

25X1D IMAGERY:

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D

BIRMA AIRFIELD

25X1D

NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

5 SMALL SWEEP-WING

25X1D

IMAGERY:

25X1D

CAIRO AIRFIELD

25X1D

NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

1 BOEING 707-TYPE  
10 PROB CAT/CUB

12 MEDIUM STRAIGHT-WING  
4 SMALL STRAIGHT-WING

25X1D

1 BOEING 707-TYPE  
6 CAT/CUB

4 MEDIUM STRAIGHT-WING  
6 SMALL STRAIGHT-WING

25X1D

IMAGERY:

IMAGERY:

25X1D

CAIRO AIRFIELD WEST

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE THREE FOXBAT WERE THE FIRST TO BE IDENTIFIED IN EGYPT. THE  
THREE NEW-TYPE AIRCRAFT REVETMENTS OR SHELTERS REPORTED IN  
APPEARED TO BE NOT COVERED. A NEW AW RADAR  
SITE WAS UNDER CONSTRUCTION 1.5 NM WEST OF THE INTERSECTION OF  
THE RUNWAYS.

25X1D

25X1D

(SEE ATTACHMENT)

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:

5 BADGER  
9 PROB BEAGLE  
3 FOXBAT  
2 FISHBED

3 SMALL DELTA/SWEPT-WING  
3 MAIL  
3 CAT/CUB

25X1D ASSOCIATED OBJECTS:

1 DERELICT BADGER

25X1D IMAGERY:

25X1D

25X1D CAIRO ALMAZA AIRFIELD  
NAC

25X1A

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

1 POSS COKE  
4 LIGHT STRAIGHT-WING

11 SMALL STRAIGHT-WING  
11 POSS AIRCRAFT

25X1D  
3 LIGHT STRAIGHT-WING

11 SMALL STRAIGHT-WING

25X1D IMAGERY:

IMAGERY:

25X1D

25X1D DUKHAYLAH AIRFIELD  
NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

2 PROB HOOK  
9 PROB MEDIUM HELICOPTERS

4 POSS MEDIUM HELICOPTERS

25X1D ASSOCIATED OBJECTS:

25 PROB CRATES (AIRCRAFT  
ASSOCIATED)

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D IMAGERY: [REDACTED]

25X1D EL TOR AIRFIELD [REDACTED] NAC [REDACTED] 25X1D  
STATUS: OPERATIONAL 25X1A  
AIR ORDER OF BATTLE:  
4 SMALL SWEEP/DELTA-WING

25X1D IMAGERY: [REDACTED] 25X1D

25X1D GEBEL EL BASUR AIRFIELD [REDACTED] NAC [REDACTED] 25X1A  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
7 SMALL SWEEP/DELTA-WING

25X1D IMAGERY: [REDACTED] 25X1D

25X1D HURGHADA AIRFIELD NEW [REDACTED] NAC [REDACTED] 25X1A  
STATUS: OPERATIONAL  
AIR ORDER OF BATTLE:  
1 SMALL SWEEP-WING 2 POSS HELICOPTERS

25X1D IMAGERY: [REDACTED] 25X1D

25X1D INCHAS AIRFIELD [REDACTED] 25X1A  
STATUS: OPERATIONAL  
REMARKS:  
THE NEW NW/SE RUNWAY WAS COVERED BY A LIGHT COLORED MATERIAL  
WHICH BLENDED WITH THE SURROUNDING SAND. BLACKTOPPING CONTINUED  
ON THE PARALLEL TAXIWAY.

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:

5 PROB AIRCRAFT

25X1D

IMAGERY:

25X1D

25X1D JIYANKLIS AIRFIELD NEW  
NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

4 BADGER  
7 FITTER

10 SWEPT/DELTA-WING

25X1D ASSOCIATED OBJECTS:

9 PROB CRATES (AIRCRAFT  
ASSOCIATED)

25X1D

IMAGERY:

25X1D

25X1D QUWAYSINA AIRFIELD  
NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

7 SMALL SWEPT-WING

25X1D

IMAGERY:

25X1D

25X1D RAS NASRANI AIRFIELD

STATUS: OPERATIONAL

25X1A

REMARKS:  
CONSTRUCTION WAS CONTINUING ON THE PROBABLE HANGARETTES AT THE  
SOUTH END OF THE RUNWAY. THE RUNWAY WAS BEING RESURFACED WITH  
BLACKTOP. THE SOUTHERN HALF HAD ALREADY BEEN COMPLETED.

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

AIR ORDER OF BATTLE:

4 MIRAGE (PROBABLY DUMMY)

IMAGERY:

RAS SUDR AIRFIELD

STATUS: OPERATIONAL

REMARKS:

A NEW N/S RUNWAY WAS UNDER CONSTRUCTION. THIS RUNWAY IS PARALLEL TO AND IMMEDIATELY EAST OF THE OLD N/S RUNWAY. THE NORTHERN ONE THIRD OF THE OLD RUNWAY HAD BEEN OILED FOR USE BY SMALL AIRCRAFT.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGERY:

SAIYAH EL SHIRIF AIRFIELD  
NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 POSS SMALL  
SWEEP/DELTA-WING

IMAGERY:

WADI ABU RISH AIRFIELD  
NAC

STATUS: OPERATIONAL

REMARKS:

EIGHT SA-2 SAM SITES WERE NEWLY IDENTIFIED AROUND THE AIRFIELD ON THIS MISSION.



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KH-4 MISSION 1114-2

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
NONE DISCERNIBLE

25X1D IMAGERY: [REDACTED]

25X1D

25X1D WADI ABU SHIHAT AIRFIELD  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

THE HARDSTANDS AND TAXIWAYS APPEARED TO BE COMPLETE. FOUR  
HARDSTANDS CONNECTED BY TWO LINK TAXIWAYS ARE ON THE EAST SIDE  
OF THE RUNWAY AND EIGHT HARDSTANDS CONNECTED BY FIVE LINK  
TAXIWAYS ARE ON THE WEST SIDE OF THE RUNWAY. A PARKING APRON  
WAS UNDER CONSTRUCTION OFF THE PARALLEL TAXIWAY NEAR THE NW END  
OF THE RUNWAY. PROTECTIVE STRUCTURES HAVE BEEN CONSTRUCTED IN  
FRONT OF ALL EIGHT SINGLE-BAY HANGARETTES. CONSTRUCTION  
CONTINUED ON THE SUPPORT FACILITIES.

THIS WAS THE FIRST IDENTIFICATION OF HELICOPTERS AT THE  
AIRFIELD.

25X1D AIR ORDER OF BATTLE:

5 FISHBED

1 PROB FISHBED

5 HIP C

2 PROB HIP

1 PROB HELICOPTER

25X1D IMAGERY: [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D ABU RUDEIS AIRFIELD  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
NONE DISCERNIBLE

25X1D IMAGERY: [REDACTED]

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25X1D

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UNITED ARAB REPUBLIC  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

AL GHURDAQAH PORT FACILITIES

25X1D

NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

1 TANKER

5 SMALL CRAFT

IMAGERY:

25X1D

AL ISKANDARIYAH MSL SPT FAC SHIPBORNE

25X1D

NAC

STATUS: OCCUPIED

25X1A

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

ASSOCIATED OBJECTS:

5 OBJECTS

IMAGERY:

25X1D

AL ISKANDARIYAH MSL STOR FAC SHIPBORNE

25X1D

NAC

STATUS: OCCUPIED

25X1A

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

ASSOCIATED OBJECTS:

10 OBJECTS (AT LEAST)

IMAGERY:

HANDLE VIA TOP SECRET RUFF  
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UNITED ARAB REPUBLIC  
NAVAL BASE FACILITIES

25X1D

25X1D AL ISKANDARIYAH NVB + HQ NATIONAL  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

[REDACTED] -- AT NAVAL BASE

3 SS (1 IN FLOATING  
DRYDOCK)

1 SKORYY DD

1 T-43 MSF

1 POSS T-43 MSF

1 MEDIUM COMBATANT

5 SMALL COMBATANTS

1 POSS SMALL COMBATANT

25X1D [REDACTED] -- AT ARSENAL BASIN

2 SS

4 PROB LCU

25X1D [REDACTED] -- IN OUTER HARBOR

1 DD

25X1D [REDACTED] -- AT AL QABBARI SHIPYARD

1 MEDIUM SS

1 DD

2 MEDIUM COMBATANTS

1 POSS AMUR AR

1 AUXILIARY

1 POSS SMALL COMBATANT

1 FREIGHTER (ON  
BUILDINGWAY)

25X1D IMAGERY: [REDACTED]

25X1D

25X1D AL ISKANDARIYAH PORT FACILITIES

[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

39 FREIGHTERS

2 TANKERS

25X1D IMAGERY: [REDACTED]

25X1D AS SUWAYS NB AND PORT ADABIYAH

[REDACTED] NAC

29-52-//N 032-27-//E

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

HANDLE VIA ~~TALENT REPHOLE~~ TOP SECRET RUFF  
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UNITED ARAB REPUBLIC  
NAVAL BASE FACILITIES

2 FREIGHTERS (1 IN HARBOR)

25X1D

IMAGERY: [REDACTED]

25X1D

BUR SAID NAVAL BASE  
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

25X1D

1 SKORYY DD  
1 HUNT PF  
1 ALLIGATOR LST  
1 OSA PTFG

1 PROB OSA PTFG  
2 POLNOCNY LSM  
2 SMALL COMBATANTS

25X1D

IMAGERY: [REDACTED]

SHARM ASH SHAYKH NAVAL DEPLOYMENT FAC  
[REDACTED] NAC

25X1D

27-51-//N 034-17-//E

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

25X1D

1 CONVERTED LANDING SHIP  
3 LSM-1

2 KISHON LCU  
1 SMALL LCU

25X1D

IMAGERY: [REDACTED]

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UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D AL ISMAILIYAH ARMY BKS AL FIRDAN AF  
NAC

25X1D

STATUS: OCCUPIED

25X1A

25X1D GROUND FORCE ORDER OF BATTLE:

5 VEHICLES/PIECES OF EQUIP

25X1D IMAGERY:

25X1D AL QAHIRAH AMMO STOR AREA HUCKSTEP NEW  
NAC

25X1D

STATUS: OCCUPIED

25X1A

25X1D GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP  
(NUMEROUS)

25X1D IMAGERY:

IMAGERY:

25X1D AL QAHIRAH FROG-7 EQUIPMENT AREA  
NAC

25X1D

STATUS: OCCUPIED

25X1A

25X1D GROUND FORCE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1D 25 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1D IMAGERY:

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UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

25X1D

IMAGERY: [REDACTED]

25X1D

AS SUWAYS TROOP CONCENTRATION

25X1D

STATUS: OCCUPIED

25X1A

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

BIR JIFJAFAH AMMUNITION DEPOT  
NAC

25X1D

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

7 PROB CARGO TRUCKS

25X1D

25X1D

IMAGERY: [REDACTED]

25X1D

SHARM ASH SHAYKH MILITARY CAMP

25X1D

STATUS: OCCUPIED

25X1A

REMARKS:

UNIDENTIFIED CONSTRUCTION WAS OBSERVED NEAR A SMALL BUILDING AT THE TIP OF THE PENINSULA.

ASSOCIATED OBJECTS:

35 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1D

25X1D

IMAGERY: [REDACTED]

25X6

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HANDLE VIA TOP SECRET RUFF  
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UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

AL ISMAILIYAH MILITARY AREA

30-27-//N 032-15-//E

25X1D

NAC

STATUS:UNKNOWN

25X1A

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGERY:

25X1D

AL QAHIRAH PROB FROG STORAGE FACILITY

25X1D

NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGERY:

25X1D

AL QANTARAH BKS WEST CAMP AWEISS

25X1D

STATUS:UNKNOWN

25X1A

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGERY:

25X1D

AT TALL AL KABIR BARRACKS

25X1D

NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

25X1D

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25X1D

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UNITED ARAB REPUBLIC  
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

AL QAHIRAH MISSILE SPT/STORAGE FAC NE

25X1D

25X1A

STATUS: NEGATED

25X1D

REMARKS:

25X1A

25X1D

25X1D

25X1D

NO MISSILE STORAGE ACTIVITY WAS DISCERNIBLE AT 30-14-  
031-21-  
ABU ZABAL (BE   
IS AT 30-14-  
031-21-  
E. IN

25X1D

THE AIR FORCE DEPOT CONTAINED  
APPROXIMATELY 75 CRUISE MISSILE CRATES. SINCE THAT TIME, NO  
MISSILE CRATES HAVE BEEN OBSERVED.

25X1D

IMAGERY:

25X1D

IMAGERY:

OTHER RESULTS-NO APPARENT CHANGE

25X1D

AL ISKANDARIYAH CR MSL STOR + ABLY FAC  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

MISSILE ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

IMAGERY:

25X1D

AL ISKANDARIYAH CRUISE MSL STORAGE FAC  
NAC

25X1D

STATUS: UNKNOWN

25X1A

MISSILE ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

IMAGERY:

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25X1D

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HANDLE VIA  
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UNITED ARAB REPUBLIC  
INDUSTRY

SIGNIFICANT RESULTS

25X1D

AL ISKANDARIYAH SHIPYARD AL QABBARI  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

1 MEDIUM SS

1 DD

2 MEDIUM COMBATANTS

1 POSS AMUR AR

1 AUXILIARY

1 POSS SMALL COMBATANT

1 FREIGHTER (ON  
BUILDINGWAY)

25X1D

IMAGERY:

OTHER RESULTS-NO APPARENT CHANGE

25X1D

AL QAHIRAH GM DEV PRD CEN HELIOPOL 333  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

IMAGERY:

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KOREA, NORTH  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D HOEMUN-NI AIRFIELD  
[REDACTED] NAC

25X1D

25X1A

25X1A

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
40 PROB SMALL SWEEP-WING  
(AT LEAST)

25X1D ASSOCIATED OBJECTS:  
[REDACTED]  
2 PROB DUMMY/DECOY AIRCRAFT  
(AT LEAST)

25X1D

25X1D IMAGERY: [REDACTED]

25X1D

25X1D SINMUSONG AIRFIELD  
[REDACTED] NAC

25X1A

25X1A

STATUS: OPERATIONAL

25X1D REMARKS:  
THIS IS THE FIRST IDENTIFICATION OF FIGHTER AIRCRAFT AT THIS  
AIRFIELD WHICH HAS BEEN USED AS AN ALTERNATE BEAGLE (BOMBER) 25X1D  
FIELD SINCE IT WAS FIRST OBSERVED UNDER CONSTRUCTION IN [REDACTED]

25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
25 SMALL SWEEP-WING

1 PROB SMALL SWEEP-WING

25X1D IMAGERY: [REDACTED]

25X1D

25X1D

25X1D SONDONG-NI AIRFIELD  
[REDACTED] NAC

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:  
BEAGLE BOMBERS WERE OBSERVED FOR THE FIRST TIME AT THIS  
AIRFIELD.

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KOREA, NORTH  
AIR BASE FACILITIES

25X1D AIR ORDER OF BATTLE:

4 BEAGLE  
19 SMALL DELTA-WING

24 SMALL SWEEP-WING  
6 COLT

25X1D IMAGERY:

25X1D

25X1D WONSAN AIRFIELD

STATUS: OPERATIONAL

25X1A

25X1D REMARKS:  
CONSTRUCTION WAS CONTINUING ON THE TAXIWAY/RUNWAY

25X1D

25X1D AIR ORDER OF BATTLE:

36 SMALL SWEEP-WING (AT  
LEAST)

1 PROB CAB  
1 PROB COLT

25X1D IMAGERY:

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D HYESAN AIRFIELD

NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D IMAGERY:



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KOREA, NORTH  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D CHAHO-NODONGJAGU SUBMARINE BASE  
[REDACTED] NAC [REDACTED] 25X1D  
STATUS: OPERATIONAL 25X1A  
NAVAL ORDER OF BATTLE:  
25X1D [REDACTED]  
1 PROB SS (DEAD IN WATER IN THE CHANNEL) 1 POSS AKL  
1 PROB OSA PTFG 1 POSS DREDGE  
8 POSS COMBATANTS 1 POSS BARGE-MOUNTED CRANE  
1 SMALL CRAFT  
25X1D IMAGERY: [REDACTED] 25X1D  
25X1D MAYANGDO-RI SUBMARINE BASE  
[REDACTED] NAC [REDACTED] 25X1A  
STATUS: OPERATIONAL  
25X1D NAVAL ORDER OF BATTLE:  
[REDACTED]  
1 PROB SS  
1 PROB S.O.1 SC (DEAD IN WATER IN APPROACHES)  
25X1D IMAGERY: [REDACTED] 25X1D  
25X1D MUNCHON NAVAL BASE WONSAN  
[REDACTED] NAC [REDACTED] 25X1A  
STATUS: OPERATIONAL  
25X1D NAVAL ORDER OF BATTLE:  
[REDACTED]  
6 POSS COMBATANTS (AT LEAST)  
25X1D IMAGERY: [REDACTED]

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25X1D

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SAUDI ARABIA  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

TIRAN ISLAND AIRFIELD

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

A DASHED WHITE LINE HAS BEEN PAINTED DOWN THE CENTER OF THE RUNWAY. THE AIRFIELD IS CONNECTED BY A GRADED ROAD TO A TENT CAMP ON THE SOUTH COAST OF THE ISLAND.

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGERY:

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

AKHTYRKA MRBM COMPLEX  
NAC

25X1A

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. POSSIBLE MISSILES ON  
TRANSPORTERS WERE IN FRONT OF THE TWO CENTRAL MISSILE-READY  
BUILDINGS AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED  
IN THE VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

IMAGERY:

25X2

25X1D

BALTA MRBM COMPLEX

25X1D

STATUS: NOT OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LEAST 20 UNIDENTIFIED  
VEHICLES WERE PARKED AROUND THE SOCCER FIELD AT LAUNCH SITE 2.

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

BARANO-ORENBURGSKOYE MRBM COMPLEX  
NAC

STATUS:NOT OPERATIONAL

25X1A

REMARKS:

ALL ELEMENTS OF THE COMPLEX EXCEPT LAUNCH SITE 1 WERE OBSERVED. LAUNCH SITE 1 WAS PARTIALLY CLOUD COVERED. PROBABLE GROUND FORCE EQUIPMENT REMAINED AT BOTH LAUNCH SITES. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

BELOKOROVICHI MRBM COMPLEX

STATUS:OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, VEHICLES WERE PARKED ON THE EDGE OF THE NORTHWESTERN PAD, AND A MISSILE ON A TRANSPORTER WAS AT THE NORTHERN END OF THE EASTERMOST MISSILE-READY BUILDING. NO SILO CONSTRUCTION WAS OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

BORSHCHEV MRBM COMPLEX

STATUS:OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, MISSILES ON TRANSPORTERS WERE ALIGNED WITH ERECTORS ON THREE OF THE FOUR LAUNCH PADS. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

BREST MRBM COMPLEX

25X1D

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

IMAGERY:

25X1D

25X1D

BRODY MRBM COMPLEX

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. A NEW BUILDING HAS BEEN CONSTRUCTED NORTH OF THE LAUNCH SITE 3 SUPPORT FACILITY SINCE [REDACTED]. NO SILO OBSERVED ON PARTIAL COVERAGE.

25X1D

25X1D

IMAGERY:

25X1D

25X1D

DERAZHNYA MRBM COMPLEX

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL OF THE COMPLEX WAS DISCERNIBLE EXCEPT FOR 15 OF THE 61 TYPE IIID LAUNCH SITES. TWO NEW TYPE IIIF LAUNCH SITES WERE OBSERVED. PROBABLE LAUNCH SITE 72 CAN NOW BE CONFIRMED AS A TYPE IIIF LAUNCH SITE. LAUNCH SITE 64 IS A CONFIRMED TYPE IIID LAUNCH SITE, ALTHOUGH IT IS IN THE TYPE IIIF DEPLOYMENT AREA. THERE ARE NOW TEN KNOWN TYPE IIIF LAUNCH SITES, 61 TYPE IIID LAUNCH SITES, AND A TYPE IIID TRAINING SITE. THE SOUTHERNMOST SILO DOOR AT IRBM LAUNCH SITE 3 WAS PARTIALLY OPEN.

MUCH EQUIPMENT AND MATERIAL WERE VISIBLE IN THE COMPLEX SUPPORT FACILITY AND IN THE CONSTRUCTION SUPPORT AREA. THERE WERE AT LEAST 20 RAILCARS IN THE RAIL-TO-ROAD TRANSFER POINT INCLUDING SEVEN PROBABLE OXIDIZER, FOUR PROBABLE FUEL, AND SIX PROBABLE POL CARS. AN UNDETERMINED NUMBER OF VEHICLES WAS DISCERNIBLE

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

IN THE PROPELLANT STORAGE AREA AND ON THE LOOP ROAD IN THE  
TRANSFER POINT.

25X1D	LAUNCH SITE	GEOGRAPHIC COORDINATES	25X1D	CONST STAGE	NOT PRESENT	FIRST SEEN
	74	49-28- N 027-18- E		EARLY		
	75	49-21- N 027-11- E		EARLY		

PHOTO REFERENCES FOR THE NEW SITES

LS 74 --  
LS 75 --

25X1D

25X1D IMAGERY:

25X1D

25X1D DOMBAROVSKIY ICBM COMPLEX

STATUS: OPERATIONAL

25X1A

REMARKS:

ONLY FOUR OF THE 65 SS-9 LAUNCH SITES WERE OBSERVED.  
UNIDENTIFIED ACTIVITY WAS OBSERVED AT LAUNCH SITES 21D AND 24D.  
AT LAUNCH SITE 24D, NINE VEHICLES WERE ON THE SILO APRON, ONE  
VEHICLE WAS ON THE LOOP ROAD, AND SNOW HAD BEEN REMOVED FROM AN  
AREA OUTSIDE THE SECURITY FENCE. AT LAUNCH SITE 21D, TEN  
TECHNICAL TRAILERS WERE PARKED NEAR THE SITE SECURITY  
BUILDINGS. THE SNOW HAD BEEN REMOVED FROM TWO AREAS OUTSIDE  
THE SECURITY FENCE AND IN THE AREA OF THE CONTROL BUNKERS. ONE  
TYPE IIIF LAUNCH SITE, DESIGNATED LAUNCH SITE 74, WAS NEWLY  
IDENTIFIED AT 51-05N 059-43E IN AN EARLY STAGE OF CONSTRUCTION.  
THIS SITE WAS NOT PRESENT ON  
WAS FIRST SEEN ON  
MISSILE ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH AREA.

25X1D

25X1D

25X1D PHOTOGRAPHIC REFERENCE FOR THE NEW SITE --  
LS 74 --

25X1D IMAGERY:

25X1D

25X1D DROVYANAYA ICBM COMPLEX

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL SIX OF THE KNOWN SS-7 LAUNCH SITES, 35 OF THE 50 KNOWN

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

SS-11 LAUNCH SITES, THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITIES WERE OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS SEEN IN THE PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

DYATLOVO MRBM COMPLEX  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS VISIBLE. CAMOUFLAGE COVERING HAS BEEN ERECTED ACROSS PART OF ONE LAUNCH PAD AT LAUNCH SITE 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

GELLI IRBM COMPLEX  
[REDACTED]

STATUS: UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTION OF THE SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

GLADKAYA ICBM COMPLEX  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THREE SS-7 LAUNCH SITES, 41 OF THE KNOWN 60 SS-11 LAUNCH SITES, THE HEADQUARTERS COMMAND AND CONTROL FACILITY, THE COMPLEX SUPPORT FACILITIES, THE RAIL-TO-ROAD TRANSFER POINT, AND THE TRAINING SITE (59X) COULD BE IDENTIFIED ONLY. NO NEW MISSILE-RELATED ACTIVITY WAS OBSERVED IN THE PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.



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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

IMAGERY: [REDACTED]

IMAGERY: [REDACTED]

25X1D

25X1D

GOMEL MRBM COMPLEX  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

GRANOV IRBM COMPLEX  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. MISSILES ON TRANSPORTERS WERE IN FRONT OF EACH OF THE FOUR MISSILE-READY BUILDINGS, AND ONE MISSILE ON A TRANSPORTER WAS ON THE ACCESS ROAD NEAR THE WEST-CENTRAL PAD AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

IMAGERY: [REDACTED]

25X1D

25X1D

GRESK MRBM COMPLEX  
[REDACTED]

STATUS: UNKNOWN

25X1A

REMARKS:

ONLY LAUNCH SITE 3 WAS DISCERNIBLE. NO SILO CONSTRUCTION WAS OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

GROZNY MRBM COMPLEX

25X1D

25X1A

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY:

IMAGERY:

25X1D

25X1D

IMENI GASTELLO ICBM COMPLEX

25X1A

STATUS: OPERATIONAL

REMARKS:

ONLY LAUNCH SITE 10B WAS OBSERVED. ONLY A SMALL PORTION OF THE  
50-NM SEARCH AREA WAS OBSERVED THROUGH THE HEAVY CLOUDS. NO  
NEW MISSILE ACTIVITY WAS SEEN.

25X1D

IMAGERY:

25X1D

25X1D

ITATKA ICBM COMPLEX

25X1A

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO MISSILE ACTIVITY WAS OBSERVED  
IN A SMALL PORTION OF THE SEARCH AREA SEEN THROUGH THE HEAVY  
CLOUDS.

25X1D

IMAGERY:

IMAGERY:

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

KAMENETS-PODOLSKIY MRBM COMPLEX

25X1D

STATUS: UNKNOWN

REMARKS:

ONLY FIXED FIELD SITE 2 WAS OBSERVED. LAUNCH SITE 2 WAS IDENTIFIABLE ONLY. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1A

25X1D

IMAGERY:

IMAGERY:

25X1D

KARTALY ICBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ELEVEN OF THE 42 KNOWN SS-9 LAUNCH SITES WERE THE ONLY ELEMENTS OF THE COMPLEX OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS OBSERVED WITHIN THE LIMITED AREA OF COVERAGE.

25X1D

IMAGERY:

25X1D

KIVERTSY MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS VISIBLE. NO MISSILE EQUIPMENT OR VEHICLES WERE AT LAUNCH SITE 3, AND PAVING BLOCKS MAY HAVE BEEN REMOVED FROM TWO OF THE LAUNCH PADS. SS-4 EQUIPMENT WAS LAST OBSERVED AT LAUNCH SITE 3. THE NORMAL COMPLEMENT OF SS-4 EQUIPMENT WAS AT LAUNCH SITES 1 AND 2 ON THIS MISSION. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

25X1D

IMAGERY:

HANDLE VIA TALENT-KEYHOLE  
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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D KONKOVICHI MRBM COMPLEX  
[REDACTED]

25X1D  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. MISSILES ON TRANSPORTERS WERE OUTSIDE BOTH MISSILE-READY BUILDINGS AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D IMAGERY: [REDACTED]

25X1D KOROSTEN MRBM COMPLEX  
[REDACTED] NAC

25X1D  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. MISSILES ON TRANSPORTERS WERE IN FRONT OF THE MISSILE-READY BUILDINGS AT THE WESTERN AND EAST-CENTRAL PADS AT LAUNCH SITE 1. VEHICLE TRACKS WITHIN FIXED FIELD SITE 2 INDICATED IT MAY HAVE BEEN USED RECENTLY. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D IMAGERY: [REDACTED]

25X1D KOSTROMA ICBM COMPLEX  
[REDACTED]

25X1D  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS OBSERVED WITHIN THE 50-NM SEARCH AREA.

25X1D IMAGERY: [REDACTED]

HANDLE VIA  
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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D KOZELSK ICBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED WITHIN THE 50-NM SEARCH AREA.

25X1D IMAGERY:

25X1D KOZHANOVICHI MRBM COMPLEX

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS IDENTIFIABLE ONLY. UNIDENTIFIED ACTIVITY WAS VISIBLE ON THE SOUTHEASTERN PAD AT LAUNCH SITE 2. NO SILO CONSTRUCTION WAS OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D IMAGERY:

25X1D KREMOVO MRBM COMPLEX  
NAC

25X1D

STATUS: NOT OPERATIONAL

25X1A

REMARKS:

ALL ELEMENTS OF THE COMPLEX WERE OBSERVED. GROUND FORCE EQUIPMENT REMAINED AT BOTH LAUNCH SITES. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D IMAGERY:

25X1D KROLEVETS IRBM COMPLEX  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, TWO

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

POSSIBLE MISSILES ON TRANSPORTERS WERE ON THE ROAD TO THE WESTERN READY BUILDING. ANOTHER POSSIBLE MISSILE ON TRANSPORTER WAS IN FRONT OF THE EAST-CENTRAL READY BUILDING. AT LAUNCH SITE 2, POSSIBLE MISSILES ON TRANSPORTERS WERE IN FRONT OF THREE OF THE MISSILE-READY BUILDINGS. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D IMAGERY: [REDACTED]

25X1D

KURGANCHA MRBM COMPLEX

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D IMAGERY: [REDACTED]

25X1D

LEBEDIN IRBM COMPLEX  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, POSSIBLE MISSILES ON TRANSPORTERS WERE IN FRONT OF THREE OF THE MISSILE-READY BUILDINGS. AT LAUNCH SITE 2, A POSSIBLE MISSILE ON TRANSPORTER WAS IN FRONT OF THE WEST-CENTRAL READY BUILDING. AT LAUNCH SITE 3, TWO MISSILES WERE IN FRONT OF THE WESTERN READY BUILDING AND ONE WAS IN FRONT OF THE CENTRAL READY BUILDING. THE BED OF THE ERECTOR ON THE WESTERN LAUNCH PAD WAS IN AN ERECTED POSITION. NO MISSILE WAS DISCERNIBLE. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D IMAGERY: [REDACTED]

25X1D

LIDA MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS VISIBLE. NO SILO CONSTRUCTION WAS

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

OBSERVED ON PARTIAL COVERAGE.

25X1D IMAGERY: [REDACTED]

25X1D

LUTSK MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITES 1 AND 2, A POSSIBLE MISSILE ON TRANSPORTER WAS ALIGNED WITH THE ERECTOR ON ONE LAUNCH PAD. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D IMAGERY: [REDACTED]

25X1D

MAYKOP MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ONLY LAUNCH SITE 2 WAS VISIBLE. AT LEAST THREE UNIDENTIFIED VEHICLES WERE INSIDE THE SECURITY FENCE. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTION OF THE SEARCH AREA.

25X1D IMAGERY: [REDACTED]

25X1D

MOLOSKOVITSY MRBM COMPLEX  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D IMAGERY: [REDACTED]

HANDLE VIA TOP SECRET RUFF  
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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D

NADVORNAYA MRBM COMPLEX

25X1A

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITE 2 AND THE HF COMMUNICATIONS FACILITY WERE VISIBLE.  
LAUNCH SITE 1 WAS IDENTIFIABLE ONLY. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY:

25X1D

25X1D

NOVOSIBIRSK ICBM COMPLEX

25X1A

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO MISSILE-RELATED ACTIVITY WAS  
SEEN IN THE SMALL PORTION OF THE 50-NM SEARCH AREA OBSERVED  
THROUGH THE HEAVY CLOUDS.

25X1D

IMAGERY:

25X1D

25X1D

NOVOSYSOYEVKA IRBM COMPLEX

25X1A

STATUS: OCCUPIED

REMARKS:

ALL ELEMENTS OF THE COMPLEX WERE VISIBLE. PROBABLE SCALEBOARD  
EQUIPMENT WAS PRESENT AT BOTH LAUNCH SITES. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1D

IMAGERY:

25X1D

25X1D

OLOVYANNAYA ICBM COMPLEX

25X1A

STATUS: OPERATIONAL



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REMARKS:

EIGHTY-SIX OF THE 90 KNOWN SS-11 LAUNCH SITES, THE THREE SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS VISIBLE IN THE EASTERN PORTION OF THE 50-NM SEARCH AREA OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

OMSK ICBM COMPLEX

25X1A [REDACTED]

25X1D

STATUS: OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

25X1D

OSTROG MRBM COMPLEX

25X1 [REDACTED]

25X1D

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. MISSILE EXERCISES WERE VISIBLE ON THE TWO EASTERN PADS AT LAUNCH SITE 1. AT LAUNCH SITE 2, A MISSILE ON A TRANSPORTER WAS IN FRONT OF THE NORTHERN MISSILE-READY BUILDING. UNIDENTIFIED ACTIVITY WAS OBSERVED ON THE SOUTHERN PAD. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

IMAGERY: [REDACTED]

25X1D

OSTROV MRBM COMPLEX

25X1A [REDACTED]

25X1D

NAC

STATUS: OPERATIONAL

REMARKS:

ONLY LAUNCH SITE 3 WAS VISIBLE. NO SILO CONSTRUCTION WAS

HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM ONLY  
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DEPLOYED STRATEGIC SSM FACILITIES

OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

25X1D

PERM ICBM COMPLEX

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. LAUNCH SITES 97, 101, 102, AND 103 IN THE N GROUP ARE NOW COMPLETE. THIS COMPLETES ALL EIGHT SS-11 GROUPS AT THIS COMPLEX. A PROBABLE COMSAT TRANSCIVING BUILDING WAS OBSERVED UNDER CONSTRUCTION AT THE HF RECEIVING FACILITY. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

IMAGERY: [REDACTED]

25X1D

PERVOMAYSK IRBM COMPLEX

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. TWENTY-EIGHT TYPE IIIF LAUNCH SITES AND TWO PROBABLE AND ONE POSSIBLE TYPE IIIF LAUNCH SITES WERE IDENTIFIED IN AT LEAST THREE GROUPS. ELEVEN OF THE SITES ARE IN PROBABLE GROUP G, CENTERED APPROXIMATELY 15 NM EAST OF TYPE IIID LAUNCH GROUP A. ELEVEN OF THE SITES ARE IN PROBABLE GROUP H, CENTERED APPROXIMATELY 16 NM WNW OF TYPE IIID LAUNCH GROUP D. THE REMAINING SITES ARE IN AN IRREGULAR PATTERN WEST OF TYPE IIID LAUNCH GROUP B AND ARE PART OF AT LEAST ONE ADDITIONAL GROUP, DESIGNATED PROBABLE GROUP I. NEW LAUNCH SITES 66, 81, AND 88 ARE POSSIBLE GROUP CONTROL SITES FOR THE THREE GROUPS. ALL SITES WERE IN AN EARLY STAGE OF CONSTRUCTION. NO EVIDENCE OF THE NEW SILO CONSTRUCTION WAS VISIBLE ON COMPLETE COVERAGE OF THE COMPLEX ON [REDACTED]

25X1D

25X1D

[REDACTED] SURVEY MASTS WERE VISIBLE AT THE FUTURE LOCATION OF LAUNCH SITES 67 AND 68 ON [REDACTED]

25X1D

25X1D

[REDACTED] A PROBABLE COMSAT TRANSCIVER BUILDING WAS OBSERVED NEXT TO THE SOUTHEASTERN CORNER OF THE TRIPLE BUNKER AT THE

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25X1D

PERVOMAYSK MR/IRBM DIVISION HEADQUARTERS. THIS BUILDING WAS FIRST OBSERVED UNDER CONSTRUCTION ON [REDACTED], A NEW CONSTRUCTION AREA WAS VISIBLE EAST OF THE RAIL-TO-ROAD TRANSFER POINT, AND NEW BUILDINGS WERE OBSERVED IN THE TRANSFER POINT AND IN IRBM LAUNCH SITE 1.

25X1D

DATA FOR THE NEW SITES:

LAUNCH SITE	25X1D	GEOGRAPHIC COORDINATES	25X1D	CONST STAGE	NOT PRESENT	FIRST SEEN
65	48-09-	N 030-17-	E	EARLY		
66	48-05-	N 030-22-	E	EARLY		
67	47-56-	N 030-35-	E	EARLY		
68	47-57-	N 030-40-	E	EARLY		
69	48-03-	N 030-38-	E	EARLY		
70	48-15-	N 030-13-	E	EARLY		
71	48-12-	N 030-13-	E	EARLY		
72	48-10-	N 030-12-	E	EARLY		
73	48-05-	N 030-21-	E	EARLY		
74	47-59-	N 030-22-	E	EARLY		
75	48-01-	N 030-25-	E	EARLY		
76	43-03-	N 030-29-	E	EARLY		
77	48-05-	N 030-32-	E	EARLY		
78	48-00-	N 030-42-	E	EARLY		
79	47-55-	N 030-30-	E	EARLY		
80	47-56-	N 030-27-	E	EARLY		
81	47-59-	N 030-31-	E	EARLY		
82	48-08-	N 031-24-	E	EARLY		
83	48-10-	N 031-29-	E	EARLY		
84	48-11-	N 031-33-	E	EARLY		
85	48-07-	N 031-30-	E	EARLY		
86	48-08-	N 031-36-	E	EARLY		
87	48-04-	N 031-26-	E	EARLY		
88	48-04-	N 031-30-	E	EARLY		
89	48-04-	N 031-37-	E	EARLY		
90	48-00-	N 031-30-	E	EARLY		
91	48-02-	N 031-40-	E	EARLY		
92	47-59-	N 031-36-	E	EARLY		
PROB 93	48-08-	N 030-26-	E	EARLY		
PROB 94	48-03-	N 030-14-	E	EARLY		
POSS	48-06-	N 030-08-	E	EARLY		

25X1D

PHOTOGRAPHIC REFERENCES FOR THE NEW SITES:

25X1D

LS 65 --  
LS 66 --  
LS 67 H --  
LS 68 H --  
LS 69 H --  
LS 70 --

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DEPLOYED STRATEGIC SSM FACILITIES

25X1D

LS 71 --  
LS 72 --  
LS 73 --  
LS 74 H --  
LS 75 H --  
LS 76 H --  
LS 77 H --  
LS 78 H --  
LS 79 H --  
LS 80 H --  
LS 81 H --  
LS 82 G --  
LS 83 G --  
LS 84 G --  
LS 85 G --  
LS 86 G --  
LS 87 G --  
LS 88 G --  
LS 89 G --  
LS 90 G --  
LS 91 G --  
LS 92 G --  
PROB LS 93 --  
PROB LS 94 --  
POSS --

IMAGERY:

25X1D

IMAGERY:

25X1D

PINSK MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED.

IMAGERY:

25X1D

25X1D

PRUZHANY MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

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TALANT KEYHOLE  
CONTROL SYSTEM ONLY

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:  
THE ENTIRE COMPLEX WAS VISIBLE EXCEPT FOR A PORTION OF LAUNCH  
SITE 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

25X1D

RUZHANY MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:  
THE ENTIRE COMPLEX WAS VISIBLE. A MISSILE EXERCISE WAS  
OBSERVED ON ONE PAD AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS  
OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

SARY OZEK IRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:  
ONLY LAUNCH SITE 3 WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY: [REDACTED]

25X1D

SLONIM MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:  
THE ENTIRE COMPLEX WAS OBSERVED. A PROBABLE MISSILE EXERCISE  
WAS UNDERWAY ON ONE LAUNCH PAD AT LAUNCH SITE 2. NO SILO  
CONSTRUCTION WAS OBSERVED.

25X1D

IMAGERY: [REDACTED]

IMAGERY: [REDACTED]

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D SMORGON IRBM COMPLEX  
[REDACTED]  
[REDACTED]  
25X1D  
STATUS: OPERATIONAL  
REMARKS:  
PORTIONS OF ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D IMAGERY: [REDACTED]  
25X1D SOKAL MRBM COMPLEX  
[REDACTED]  
[REDACTED]  
25X1D  
STATUS: OPERATIONAL  
REMARKS:  
ONLY PORTIONS OF LAUNCH SITES 1, 2, AND 3 WERE VISIBLE. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D IMAGERY: [REDACTED]  
25X1D SUCHAN MRBM COMPLEX  
[REDACTED]  
[REDACTED]  
25X1D  
STATUS: NOT OPERATIONAL  
REMARKS:  
THE ENTIRE COMPLEX WAS OBSERVED. NO VEHICLES OR EQUIPMENT WERE  
OBSERVED IN EITHER LAUNCH SITE. NO SILO CONSTRUCTION WAS  
OBSERVED.

25X1D IMAGERY: [REDACTED]  
25X1D TATISHCHEVO ICBM COMPLEX  
[REDACTED]  
[REDACTED]  
25X1D  
STATUS: OPERATIONAL  
REMARKS:  
THE ENTIRE COMPLEX WAS OBSERVED. NO NEW MISSILE ACTIVITY WAS  
OBSERVED IN THE 50-NM SEARCH AREA.

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

IMAGERY:

IMAGERY:

25X1D

25X1D

TEYKOVO ICBM COMPLEX

STATUS: OPERATIONAL

25X1A

REMARKS:

NINETEEN OF THE 80 KNOWN SS-11 LAUNCH SITES, FOUR OF THE SIX KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. TWO MORE LAUNCH SITES (72 AND 83) IN LAUNCH GROUP G ARE NOW COMPLETE. NO NEW MISSILE-RELATED ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH AREA.

25X1D

IMAGERY:

25X1D

UMAN MRBM COMPLEX

25X1D

STATUS: NOT OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

IMAGERY:

IMAGERY:

25X1D

USOVO MRBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE.

25X1D

IMAGERY:

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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D UZHUR ICBM COMPLEX 25X1D  
[REDACTED] 25X1A  
STATUS: OPERATIONAL  
REMARKS:  
FIFTY-NINE OF THE 60 KNOWN SS-9 LAUNCH SITES, THE HEADQUARTERS  
COMMAND AND CONTROL FACILITY, THE COMPLEX SUPPORT FACILITIES,  
THE RAIL-TO-ROAD TRANSFER POINT, AND THE TRAINING SITE (19X)  
WERE OBSERVED. SEVEN OF THESE 59 LAUNCH SITES WERE IDENTIFIED  
ONLY. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH  
AREA.

25X1D IMAGERY: [REDACTED]

25X1D VSELYUB MRBM COMPLEX 25X1D  
[REDACTED] 25X1A  
STATUS: OPERATIONAL  
REMARKS: 25X1D  
THE ENTIRE COMPLEX WAS VISIBLE, [REDACTED]  
ONE LAUNCH PAD AT LAUNCH SITE 2. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE.

25X1D IMAGERY: [REDACTED]

25X1D YEDROVO ICBM COMPLEX 25X1D  
[REDACTED] 25X1A  
STATUS: OPERATIONAL  
REMARKS:  
ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW  
MISSILE ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH AREA.

25X1D IMAGERY: [REDACTED]  
IMAGERY: [REDACTED]



HANDLE VIA TOP SECRET RUFF  
Talent Keyhole  
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SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D YELSK MRBM COMPLEX

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

FIXED FIELD SITE 1 WAS IDENTIFIABLE ONLY. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTION OF THE SEARCH AREA.

25X1D IMAGERY:

25X1D

25X1D YOSHKAR-OLA ICBM COMPLEX

25X1A

STATUS: OPERATIONAL

REMARKS:

THIRTY-FOUR OF THE 65 KNOWN SS-13 LAUNCH SITES, FIVE OF THE EIGHT KNOWN LAUNCH CONTROL FACILITIES, FOUR OF THE SIX KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. CONSTRUCTION WITHIN LAUNCH GROUPS G AND H WAS STILL HALTED. THE SS-13 PORTION OF THE RAIL-TO-ROAD TRANSFER POINT WAS STILL UNDER CONSTRUCTION. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1D IMAGERY:

IMAGERY:

25X1D

25X1D YURYA ICBM COMPLEX

25X1A

STATUS: OPERATIONAL

REMARKS:

FOUR OF THE 11 KNOWN SS-7 LAUNCH SITES WERE OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS NOTED IN THE PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1D IMAGERY:

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DEPLOYED STRATEGIC SSM FACILITIES

25X1D ZHANGIZ-TOBE ICBM COMPLEX  
[REDACTED]

25X1D  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THREE OF THE 54 KNOWN SS-9 LAUNCH SITES WERE OBSERVED AND ONE SS-9 LAUNCH SITE WAS IDENTIFIED ONLY. THERE HAS BEEN NO APPARENT CHANGE SINCE [REDACTED] IN THE CONSTRUCTION STATUS OF THE ONE LAUNCH SITE (55I) IDENTIFIED IN LAUNCH GROUP I. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE 50-NM SEARCH AREA.

25X1D

25X1D IMAGERY: [REDACTED]

25X1D  
[REDACTED]

25X1D ZHITOMIR MRBM COMPLEX  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. HOWEVER, THE RAIL-TO-ROAD TRANSFER POINT AND FIXED FIELD SITE 1 WERE IDENTIFIABLE ONLY. AT LAUNCH SITE 2, A MISSILE ON TRANSPORTER WAS IN FRONT OF THE EASTERN MISSILE-READY BUILDING. AT LAUNCH SITE 3, THE ORIENTATION OF THE WESTERNMOST ERECTOR HAD BEEN CHANGED FROM 220 TO 180 DEGREES. SITE 1 REMAINED UNOCCUPIED. NO SILO CONSTRUCTION WAS OBSERVED IN VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D IMAGERY: [REDACTED]

25X1D  
[REDACTED]

25X1D ZHMERINKA MRBM COMPLEX  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, A MISSILE ON A TRANSPORTER WAS AT THE ENTRANCE OF THE WESTERN MISSILE-READY BUILDING. AT LAUNCH SITE 2, MISSILES ON TRANSPORTERS WERE ALIGNED WITH ERECTORS ON THE TWO WESTERN PADS. ALSO AT LAUNCH SITE 2, ANOTHER MISSILE ON TRANSPORTER WAS ALONGSIDE THE EAST-CENTRAL MISSILE-READY BUILDING, AND A

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POSSIBLE MISSILE ON TRANSPORTER WAS PROTRUDING FROM THE EASTERN  
MISSILE-READY BUILDING. NO SILO CONSTRUCTION WAS OBSERVED ON  
PARTIAL COVERAGE.

IMAGERY:



25X1D

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SOVIET UNION  
MISSILE RANGES

### SIGNIFICANT RESULTS

25X1D

AKHTUBINSK FLIGHT TEST CENTER

25X1D

STATUS: OPERATIONAL

25X1A

#### REMARKS:

CONSTRUCTION WAS CONTINUING ON SEVERAL NEW BUILDINGS AND ON  
EXTENSION OF THE TAXIWAY AND ROAD AT THE AREA AIRFIELD.

FOR ORDER OF BATTLE SEE SUBSEQUENT OAK SUPPLEMENT REPORTS ON  
THE FOLLOWING TARGETS.

AKHTUBINSK/VLADIMIROVKA AIRFIELD

25X1A

AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD

25X1A

AKHTUBINSK/VLADIMIROVKA ASM SUPPORT COMPLEX

25X1A

AKHTUBINSK/VLADIMIROVKA AAM SUPPORT COMPLEX

AKHTUBINSK/VLADIMIROVKA AAM + ASM STORAGE

25X1D

IMAGERY:

25X1D

KAPUSTIN YAR SAM FIRING RANGE

25X1D

STATUS: OPERATIONAL

25X1A

#### REMARKS:

THE SAM MARSHALLING AREA, THE ELECTRONICS TEST FACILITY, THE  
SAM CHECKOUT AND STORAGE AREA, SAM TRAINING SITES A AND C, AND  
TRACKING FACILITIES 2, 3, 9, 10, AND 11 WERE COVERED ON  
PHOTOGRAPHY. ALL AREAS APPEARED TO BE OCCUPIED AND ACTIVE  
EXCEPT TRACKING FACILITY 9, WHERE NEITHER ACTIVITY NOR  
OCCUPANCY COULD BE DETERMINED BECAUSE OF THE POOR  
INTERPRETABILITY OF THE PHOTOGRAPHY. NO NEW CONSTRUCTION OR  
CHANGES IN FACILITIES WERE OBSERVED.

INTERPRETABILITY RANGED FROM FAIR TO POOR.

25X1D

IMAGERY:

25X1D

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SOVIET UNION  
MISSILE RANGES

25X1D KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR  
[REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

LAUNCH COMPLEXES D, G, AND H, THE COMPLEX D FINAL ASSEMBLY AND CHECKOUT FACILITY, AND LAUNCH AREAS 6C AND 7C WERE OBSERVED. PORTIONS OF LAUNCH COMPLEX E, THE COMPLEX C ADMINISTRATION, HOUSING, AND SERVICE AREAS, THE MISSILE ASSEMBLY AND CHECKOUT FACILITY, AND LAUNCH AREA 3C WERE PARTIALLY OBSERVED THROUGH GAPS IN HEAVY CLOUDS. WORK APPEARED TO BE PROGRESSING AT LAUNCH AREA 7C, BUT THE SMALL-SCALE, MONOSCOPIC PHOTOGRAPHY DID NOT PERMIT A DETAILED INTERPRETATION. NO NEW MISSILE FACILITIES WERE OBSERVED IN THE CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D NENOKSA MISSILE TEST CENTER  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE TEST CENTER WERE OBSERVED. NO MISSILES OR SIGNIFICANT MISSILE-RELATED ACTIVITY WERE OBSERVED.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D SASYKTAU MISSILE LAUNCH FACILITY  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

ONE PROBABLE AND TWO POSSIBLE NEW BUILDINGS ARE IN THE MISSILE SUPPORT AND HANDLING AREA. AN UNUSUALLY LARGE NUMBER OF OBJECTS WAS OBSERVED WHERE SA-1 MISSILES ARE GENERALLY LOCATED. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF THESE OBJECTS.

25X1D

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SOVIET UNION  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

CHEKHOV ABM/SPACE RADAR SITE A

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

AN ADDITIONAL BISTATIC RADAR ORIENTED ON A BORESIGHT AZIMUTH OF APPROXIMATELY 100 DEGREES APPARENTLY WILL BE INSTALLED WITHIN THE EXISTING ABM RADAR SITES AT CHEKHOV. THE EXISTING BISTATIC RADAR AT CHEKHOV, WHICH WAS OBSERVED TO BE IN AN ADVANCED STAGE OF CONSTRUCTION, IS ORIENTED ON A BORESIGHT AZIMUTH OF [REDACTED] DEGREES.

25X1D

THE PERIMETER FENCE OF RADAR SITE A HAS BEEN EXTENDED APPROXIMATELY 152 METERS (500 FEET) EASTWARD. THIS EXTENSION INCREASES THE AREA OF RADAR SITE A BY 9,290 SQUARE METERS (100,000 SQUARE FEET). A LINEAR EXCAVATION HAS BEEN DUG WITHIN A RECTANGULAR ROAD PATTERN IN THE LARGE CLEARED AREA BEHIND THE EXISTING RADAR RECEIVER COMPONENTS AT THE SITE. THE RECEIVING ANTENNA STRUCTURE FOR THE EXISTING RADAR, WHICH WAS UNDER CONSTRUCTION IN [REDACTED], IS NOW COMPLETELY ERECTED. THE CONTROL BUILDING IS NEARLY COMPLETE EXTERNALLY.

25X1D

(SEE ATTACHMENT)

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

CHEKHOV ABM/SPACE RADAR SITE B

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

AN ADDITIONAL BISTATIC RADAR ORIENTED ON A BORESIGHT AZIMUTH OF ABOUT 100 DEGREES APPARENTLY WILL BE INSTALLED WITHIN THE EXISTING ABM RADAR SITES AT CHEKHOV. AT RADAR SITE B, A RECTANGULAR AREA OF SHALLOW EXCAVATIONS IS WITHIN A ROAD PATTERN IN A CLEARING BEHIND THE EXISTING RADAR TRANSMITTER COMPONENTS. THE EXCAVATIONS ARE SIMILAR TO THE FOUNDATION PREPARATIONS FOR THE EXISTING CONTROL BUILDING. THE CONTROL BUILDING FOR THE EXISTING RADAR TRANSMITTER IS EXTERNALLY COMPLETE. NO SIGNIFICANT CHANGES WERE OBSERVED IN THE SUPPORT AREAS.

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SOVIET UNION  
AIR DEFENSE MISSILES

(SEE ATTACHMENT)

IMAGERY: [REDACTED] 25X1D

25X1D

25X1D MOSKVA ABM LAUNCH COMPLEX E03

STATUS:NOT OPERATIONAL

25X1A

REMARKS:

25X1D NO CONSTRUCTION ACTIVITY WAS OBSERVED IN THE TRY ADD OPERATIONS  
25X1D AREA. IN THE SA-1 SUPPORT AREA, TWO PROBABLE ONE-STORY  
25X1D BUILDINGS HAVE BEEN CONSTRUCTED SINCE [REDACTED] 25X1D  
ONE IS [REDACTED], AND THE OTHER IS [REDACTED]

25X1D IMAGERY: [REDACTED]

25X1D

25X1D MOSKVA ABM LAUNCH COMPLEX E05  
NAC

STATUS:OPERATIONAL

25X1A

REMARKS:

25X1D GALOSH CANISTERS WERE ELEVATED AT LAUNCH POSITIONS 1B3 AND 1C2.  
25X1D POSSIBLE GALOSH CANISTERS WERE ELEVATED AT LAUNCH POSITIONS  
1C1 AND 1C4.

25X1D MISSILE ORDER OF BATTLE:

2 GALOSH CANISTERS

2 POSS GALOSH CANISTERS

25X1D IMAGERY: [REDACTED]

25X1D

25X1D MOSKVA ABM LAUNCH COMPLEX E21

STATUS:NOT OPERATIONAL

25X1A

REMARKS:

25X1D RENEWED CONSTRUCTION ACTIVITY WAS OBSERVED WITHIN THE OLD TRY  
25X1D ADD AREA. A 46 X 41-METER (151 X 135-FOOT) RECTANGULAR  
BUILDING WAS UNDER CONSTRUCTION NEAR THE OLD, LARGE TRY ADD  
BUILDING. AN IRREGULAR BUILDING SEGMENT, [REDACTED] 25X1D  
[REDACTED], WAS UNDER CONSTRUCTION ADJACENT TO THE

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AIR DEFENSE MISSILES

25X1D

RECTANGULAR BUILDING. TWO PARALLEL EARTH SCARS, POSSIBLY ASSOCIATED WITH BUILDING FOUNDATION CONSTRUCTION, WERE OBSERVED ALONG THE NORTH PERIMETER SERVICE ROAD JUST OUTSIDE THE OLD TRY ADD AREA. NO INDICATION OF THIS ACTIVITY WAS OBSERVED IN [REDACTED] THE MOST RECENT COVERAGE OF THE FACILITY PRIOR TO THIS MISSION. NO MODIFICATIONS WERE OBSERVED IN ANY OF THE OLD TRY ADD BUILDINGS. NO NEW CONSTRUCTION ACTIVITY WAS OBSERVED IN THE COMPLEX SUPPORT AREA.

(SEE ATTACHMENT)

IMAGERY: [REDACTED] 25X1D

25X1D

25X1D

MOSKVA ABM LAUNCH COMPLEX E24  
[REDACTED] NAC [REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

GALOSH CANISTERS WERE ELEVATED AT LAUNCH POSITIONS 1B1, 1B2, 1C1, 1C4, AND 2C3.

25X1D

MISSILE ORDER OF BATTLE:

[REDACTED]  
5 GALOSH CANISTERS

IMAGERY: [REDACTED] 25X1D

25X1D

25X1D

MOSKVA ABM LAUNCH COMPLEX E31  
[REDACTED] NAC [REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

GALOSH CANISTERS WERE ENGAGED IN THE LAUNCHERS AND PARTIALLY ELEVATED AT LAUNCH POSITIONS 2B1 AND 2C3. AN UNIDENTIFIED VEHICLE OR PIECE OF EQUIPMENT WAS ON THE SERVICE ROAD NEAR LAUNCH POSITION 2C1.

25X1D

MISSILE ORDER OF BATTLE:

[REDACTED]  
2 GALOSH CANISTERS

1 VEHICLE/PIECE OF EQUIP

IMAGERY: [REDACTED] 25X1D



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TALENT-KEYHOLE  
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SOVIET UNION  
AIR DEFENSE MISSILES

25X1D MOSKVA ABM LAUNCH COMPLEX E33  
[REDACTED] NAC

25X1D  
[REDACTED]  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

GALOSH CANISTERS WERE ELEVATED ON THE LAUNCHERS AT POSITIONS 1B2 AND 1C3. A GALOSH CANISTER, PROBABLY WITH ITS PRIME MOVER ATTACHED, WAS ON THE SERVICE ROAD NEAR POSITION 2C4.

25X1D MISSILE ORDER OF BATTLE:

3 GALOSH CANISTERS

IMAGERY: [REDACTED]

25X1D

25X1D MOSKVA ABM SUPPORT FACILITY BOROVSK  
[REDACTED]

25X1D  
[REDACTED]  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

THE LARGE GARAGE JUST NORTH OF THE STORAGE/ASSEMBLY BUILDING IS EXTERNALLY COMPLETE. A TOTAL OF 43 GALOSH CANISTERS WAS OBSERVED AT THE FACILITY. TWENTY-THREE CANISTERS WERE ON THE WEST HARDSTAND, 19 WERE ON THE EAST HARDSTAND, AND ONE POSSIBLE CANISTER WAS NEAR THE LARGE RECEIVING BUILDING. THIS WAS THE FIRST TIME GALOSH CANISTERS HAD BEEN SEEN ON THE WEST HARDSTAND. ONLY ONE POSSIBLE PROPELLANT TRAILER WAS PARKED NEAR THE LOADING BUILDING WHERE SIX TRAILERS HAD BEEN SEEN PREVIOUSLY.

25X1D MISSILE ORDER OF BATTLE:

42 GALOSH CANISTERS

1 POSS PROPELLANT TRAILER

1 POSS GALOSH CANISTER

IMAGERY: [REDACTED]

25X1D

25X1D TASHKENT SAM COMPLEX B23-5  
[REDACTED]

25X1D  
[REDACTED]  
[REDACTED]

STATUS: UNDER CONSTRUCTION

25X1A

HANDLE VIA TOP SECRET RUFF  
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SOVIET UNION  
AIR DEFENSE MISSILES

PHYSICAL DESCRIPTION:

14.3 NM SW OF TASHKENT.

AN SA-5 COMPLEX IS UNDER CONSTRUCTION. IT CONSISTS OF TWO LAUNCH SITES AND A TRACKING AND GUIDANCE FACILITY. EACH LAUNCH SITE CONTAINS SIX REVETTED LAUNCH POSITIONS AND A REVETTED CONTROL CENTER. AT LEAST SIX LAUNCH POSITIONS WERE OCCUPIED ON [REDACTED] THE TRACKING AND GUIDANCE FACILITY CONTAINS TWO RADAR POSITIONS AND A CONTROL CENTER. ONE RADAR MOUND IS UNDER CONSTRUCTION. THE PRIMARY LAUNCH ORIENTATION IS APPROXIMATELY SE.

25X1D

THE COMPLEX WAS NOT PRESENT ON PHOTOGRAPHY OF [REDACTED] IT WAS FIRST SEEN ON PHOTOGRAPHY FROM THE CURRENT MISSION. THIS IS THE EIGHTY-SECOND SA-5 COMPLEX IDENTIFIED ON OVERHEAD PHOTOGRAPHY.

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:  
328-17 2ND ED MAY 61

IMAGERY: [REDACTED]

25X1D

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SOVIET UNION  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D DUNAY SUB BASE A SHPYD RAZBOYNIK BAY  
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

1 E-II SSGN	1 VALA AOSR
1 J SSG (UNDERWAY IN BAY)	1 CHULUM EAG
1 PROB N SSN (UNDERWAY IN BAY)	1 SMALL AOL
1 PROB POTI (DEAD IN WATER)	1 AUXILIARY
1 PETYA II (IN BAY)	1 PM-124 YRSN
5 POSS PT	1 402-G YRSN
3 VANYA MHC	1 ARD (D)
1 T-58 MSF	1 SMALL CARGO-TYPE VESSEL
1 POSS SMALL COMBATANT	2 SPECIAL-PURPOSE BARGES
1 LIBAU AGCL	2 SUPPORT BARGES
1 DNEPR AR	16 SMALL VESSELS
1 202-A-CLASS AR	10 YAGT
	1 FLOATING CRANE

25X1D IMAGERY: [REDACTED]

25X1D

25X1D DUNAY SUB BASE KONYUSHKOVA BAY  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

1 G SSB	1 OSS
1 F/Z SS	1 SMALL VESSEL

25X1D IMAGERY: [REDACTED]

25X1D

25X1D SEVERODVINSK NAVAL BASE WEST  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

5 MEDIUM SS	1 ARD-T (DROP-STERN)
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SOVIET UNION  
NAVAL BASE FACILITIES

1 PROB KOLA DE  
2 PROB RIGA DE  
10 PROB AUXILIARIES

1 ARD-T (SMALL)  
13 SMALL CRAFT  
(UNIDENTIFIED)

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

STRELOK ST SUB BASE PAVLOVSKOGO BAY  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

2 Y SSBN  
2 E-II SSGN  
1 PROB E-I SSN  
1 OSS

1 ATREK ASL  
2 AUXILIARIES  
2 BARGES

25X1D

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

VLADIVOSTOK NAVAL BASE + SHIPYARD 202  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

1 POSS G SSB  
1 PROB J SSG  
1 PROB Z CONVERSION (SONAR)  
SS  
12 MEDIUM SS  
1 POSS SMALL SS  
1 SVERDLOV CL  
1 KASHIN DLG  
1 KRUPNY DDGS  
1 POSS KRUPNY DDGS  
1 KILDIN DDGS  
1 KOTLIN DDG  
1 KOTLIN DD  
3 SKORY DD (1 UNARMED)  
1 DD  
1 RIGA DE  
2 DE  
1 GRISHA PCE  
2 PROB PETYA PCE

1 PROB MSF  
1 DOBRYNYA NIKITICH AGBL  
1 POSS AGBL  
1 PRIMORIYE AGI  
1 SIBIR AGM  
1 AOL  
1 ATREK ASL  
7 AUXILIARIES  
2 ARD (T)  
2 ARD (D)  
24 MERCHANT VESSELS  
20 CARGO SHIPS (SMALL)  
3 REFRIGERATOR SHIPS  
17 PROB MIRNY WHALE  
CATCHERS  
51 SMALL VESSELS  
3 TANKERS  
3 FLOATING CRANES  
2 BARGES

25X1D

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SOVIET UNION  
NAVAL BASE FACILITIES

1 T-43 MSF

1 HULK

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

VLADIVOSTOK NVL BASE A RPR YD DIOMID  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

25X1D

5 MEDIUM SUBMARINES (1 IN  
ARD-D)  
2 POTI PC  
2 OSA PTFG  
2 PROB MHC (1 IN ARD-D)  
3 POLNOCNY LSM  
2 AUXILIARIES  
1 POSS AOL

1 PROB SMALL COMBATANT  
11 MERCHANT VESSELS  
3 SMALL CARGO VESSELS  
37 SMALL VESSELS  
1 FLOATING CRANE  
2 ARD (T)  
4 BARGES

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

VLADIVOSTOK SUBMARINE BASE ULISA BAY  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

25X1D

5 MEDIUM SUBMARINES  
1 OSS  
1 ALLIGATOR LST

2 POLNOCNY LSM  
4 PROB LSV  
2 LCU

25X1D

IMAGERY: [REDACTED]

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SOVIET UNION  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

ARTEMOVSK ARMY BARRACKS NORTH AL 1

25X1D

NAC

25X1D

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

25X1D

80 VEHICLES/PIECES OF EQUIP

25X1D

IMAGERY:

25X1D

BELAYA TSEKOV ARMY BKS ROSS AL 1

25X1D

NAC

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

25X1D

30 VEHICLES/PIECES OF EQUIP  
(APPROXIMATELY)

25X1D

IMAGERY:

IMAGERY:

25X1D

BELGOROD-DNESTROVSKIY ORDNANCE DEPOT

25X1D

NAC

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

25X1D

30 GSP (AT LEAST)  
150 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

25X1D

IMAGERY:

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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D CHERKASSY ARMY BARRACKS AL 1  
[REDACTED] NAC

25X1D

STATUS:OCCUPIED

25X1A

25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
60 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1D IMAGERY: [REDACTED]

25X1D CHERNOVTSY ARMY BKS SOUTHEAST AL 1  
[REDACTED] NAC

25X1D

STATUS:OCCUPIED

25X1A

25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
40 VEHICLES/PIECES OF EQUIP

25X1D IMAGERY: [REDACTED]

25X1D CHUGUYEV ARMY BKS SE AL 1+TNG AREA SE  
[REDACTED]

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:  
GROUND SCARRING IN THE TRACKED VEHICLE TRAINING AREA INDICATES  
INCREASED ACTIVITY SINCE [REDACTED]

25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
200 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

25X1D

25X1D IMAGERY: [REDACTED]

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SOVIET UNION  
GROUND FORCE FACILITIES

IZYASLAV ARMY BARRACKS AL 1  
[REDACTED] NAC

25X1D

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

120 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

IMAGERY: [REDACTED]

KOROSTEN ARMY BARRACKS LUGINY AL 3  
[REDACTED] NAC

25X1D

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:

100 VEHICLES/PIECES OF  
EQUIP (APPROXIMATELY)

IMAGERY: [REDACTED]

MAYKHE PROBABLE MISSILE ASSOC INSTLN  
[REDACTED]

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

PHYSICAL DESCRIPTION:

25X1A

1 NM NE OF MAYKHE AIRFIELD [REDACTED] AND 7.5 NM NNE OF  
SHKOTOVO.

25X1D

THE INSTALLATION WAS PREVIOUSLY REPORTED AS CONSTRUCTION  
PROBABLY ASSOCIATED WITH THE AIRFIELD [REDACTED]

THE INSTALLATION IS NOW IDENTIFIED AS PROBABLY MISSILE  
ASSOCIATED AND CONSISTS OF A SECURED AREA AND A SUPPORT AREA.

THE SECURED AREA CONTAINS TWO ARCH-ROOFED, EARTH-COVERED,  
DRIVE-THROUGH BUILDINGS, TWO PROBABLY DRIVE-IN, ARCH-ROOFED  
BUILDINGS UNDER CONSTRUCTION, ONE DRIVE-IN OR DRIVE-THROUGH,  
ARCH-ROOFED BUILDING UNDER CONSTRUCTION, ONE HEATING PLANT, ONE  
STORAGE BUILDING, ONE BUILDING UNDER CONSTRUCTION, ONE BUILDING  
FOUNDATION, AND A LARGE STACK OF ARCH-ROOF SECTIONS. THE  
SUPPORT AREA CONTAINS FOUR BARRACKS, ONE BARRACKS OR STORAGE



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SOVIET UNION  
GROUND FORCE FACILITIES

BUILDING, ONE HEATING PLANT, TWO STORAGE BUILDINGS, THREE  
SUPPORT BUILDINGS, AND TWO BUILDINGS UNDER CONSTRUCTION.

THE TWO EARTH-COVERED BUILDINGS APPEAR TO BE SIMILAR TO THE  
BUILDINGS NORMALLY FOUND IN A SMALL-TYPE TACTICAL SSM SUPPORT  
FACILITY, BUT NO CONSTRUCTION FOR A WARHEAD FACILITY HAS BEEN  
OBSERVED. CONSTRUCTION ON THIS INSTALLATION WAS FIRST OBSERVED  
NO ACTIVITY WAS PRESENT IN

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:  
200-291-1HL

IMAGERY:

NOVOGRAD-VOLYNSKIY ARMY BARRACKS AL 2  
NAC

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
125 PROB VEHICLES/PIECES OF  
EQUIP

IMAGERY:

OVRUCH ARMY BARRACKS AL 1  
NAC

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
60 VEHICLES/PIECES OF EQUIP  
(APPROXIMATELY)

IMAGERY:

HANDLE VIA TALENT-KEYHOLE  
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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D PSKOV ARMY BKS WEST AL 1  
[REDACTED] 25X1D [REDACTED]

STATUS:OCCUPIED

25X1A

REMARKS:

NO GROUND ORDER OF BATTLE OR AIRCRAFT COULD BE DISCERNED  
BECAUSE OF THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY.

GROUND FORCE ORDER OF BATTLE:

25X1D [REDACTED]  
NONE DISCERNIBLE

25X1D IMAGERY: [REDACTED]

25X1D SLAVUTA ARMY BARRACKS AL 1  
[REDACTED] NAC [REDACTED] 25X1D [REDACTED]

STATUS:OCCUPIED

25X1A

25X1D GROUND FORCE ORDER OF BATTLE:

150 VEHICLES/PIECES OF  
EQUIP. (APPROXIMATELY)

25X1D IMAGERY: [REDACTED]

25X1D TIRASPOL ARMY BARRACKS WEST AL 1  
[REDACTED] 25X1D [REDACTED]

STATUS:OCCUPIED

25X1A

REMARKS:

25X1D THE FOLLOWING CHANGES HAVE OCCURRED SINCE [REDACTED]  
[REDACTED]. THE SW CORNER OF THE INSTALLATION, INCLUDING ONE VEHICLE  
STORAGE BUILDING AND FOUR SUPPORT BUILDINGS, HAS BEEN TAKEN  
OVER FOR CIVILIAN USE, AND FIVE MULTISTORY APARTMENT BUILDINGS  
WERE BEING CONSTRUCTED IN THAT AREA. THE MULTISTORY BUILDING  
PREVIOUSLY REPORTED UNDER CONSTRUCTION WAS IN A FINAL STAGE OF  
CONSTRUCTION.

25X1D GROUND FORCE ORDER OF BATTLE:

600 VEHICLES/PIECES OF

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TOP SECRET RUFF

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SOVIET UNION  
GROUND FORCE FACILITIES

EQUIP (APPROXIMATELY)

25X1D IMAGERY: [REDACTED]

URECHYE ARMY BKS SE AL 1

25X1D [REDACTED]

25X1D  
25X1A [REDACTED]

STATUS: OCCUPIED

REMARKS:

NO CONSTRUCTION ACTIVITY COULD BE DISCERNED. THE TAXIWAY AREA TO THE SOUTH AND EAST HAD APPARENTLY BEEN RECENTLY USED AS FRESH TRACK ACTIVITY WAS DISCERNIBLE.

GROUND FORCE ORDER OF BATTLE:

25X1D [REDACTED]

NONE DISCERNIBLE

25X1D IMAGERY: [REDACTED]

VOLKA ARMY BARRACKS AL 1  
NAC

25X1D [REDACTED]

25X1D  
25X1A [REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D [REDACTED]

400 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

25X1D IMAGERY: [REDACTED]

VOLNOYE ARMY BKS SAMARA RIVER E AL 1  
NAC

25X1D [REDACTED]

25X1D [REDACTED]

STATUS: OCCUPIED

25X1A [REDACTED]

GROUND FORCE ORDER OF BATTLE:

25X1D [REDACTED]

250 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

25X1D IMAGERY: [REDACTED]

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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D VOLNOYE ARMY BKS SAMARA RIVER N AL 2  
[REDACTED] NAC [REDACTED] 25X1D  
STATUS: OCCUPIED 25X1A  
25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
160 VEHICLES/PIECES OF EQUIP  
25X1D IMAGERY: [REDACTED]  
25X1D VOROSHILOVGRAD ARMY BKS NW AL 1  
[REDACTED] NAC [REDACTED] 25X1D  
STATUS: OCCUPIED 25X1A  
25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
25 VEHICLES/PIECES OF EQUIP  
(AT LEAST)  
25X1D IMAGERY: [REDACTED]  
25X1D ZHITOMIR ARMY BARRACKS WEST AL 3  
[REDACTED] NAC [REDACTED] 25X1D  
STATUS: OCCUPIED 25X1A  
25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
40 VEHICLES/PIECES OF EQUIP  
(APPROXIMATELY)  
25X1D IMAGERY: [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D GRODNO ARMY BKS AL 2  
[REDACTED] NAC [REDACTED] 25X1D  
25X1A

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25X1D

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SOVIET UNION  
INDUSTRY

SIGNIFICANT RESULTS

25X1D BIYSK ROCKET MOTOR TEST FACILITY

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

25X1D

A ROCKET MOTOR WAS BEING TEST FIRED IN THE ISOLATED TEST POSITION ON [REDACTED] A FLAME AND A LARGE PLUME OF SMOKE WAS VISIBLE. THE SMOKE PLUME APPEARED TO BE RISING UP AND AWAY FROM THE FLAME, RATHER THAN OUTWARD AND UP AS WOULD BE EXPECTED AT A HORIZONTAL POSITION. THIS MAY INDICATE THAT THE FIRING WAS AT THE END OF ITS SEQUENCE AND ONLY RESIDUAL PROPELLANTS WERE BURNING. THE AREA WAS COVERED WITH HAZE WHICH PREVENTED THE OBSERVATION OF THE MOTOR AND THE TEST STRUCTURES. ALTHOUGH THE TEST STRUCTURES COULD NOT BE OBSERVED, THE FLAME CAN BE PLOTTED WITHIN THE LARGE U-SHAPED BARRICADE WHICH CONTAINS THE TEST POSITION.

(SEE ATTACHMENT)

25X1D

IMAGERY: [REDACTED]

25X1D

GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21

25X1D

STATUS: OPERATIONAL

25X1A

ASSOCIATED OBJECTS:

25X1D

-- AT THE PLANT  
6 PROB FISHBED CRATES

25X1D

-- AT THE AIRFIELD

9 FOXBAT	1 CRATE
32 SMALL DELTA/SWEPT-WING	3 CAB
12 POSS SMALL	1 COLT
DELTA/SWEPT-WING	1 CREEK

25X1D

IMAGERY: [REDACTED]

TCS-20145/71 - IPIR 2  
KH-4 MISSION 1114-2

SOVIET UNION  
INDUSTRY

25X1D GORKIY SHIPYARD NO 112  
[REDACTED]

25X1D  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:  
CONSTRUCTION CONTINUED ON THE ELL OF THE LARGE FABRICATION  
BUILDING.

25X1D NAVAL ORDER OF BATTLE:

1 POSS C SSGN	4 BARGES
1 APL OR YR	1 FLOATING CRANE
3 YR	1 VOLGA BALT BULK CARRIER
1 975 YRSN	2 PROB FERRIES
1 ZEYA YRSN	1 PROB SORMOVICH-CLASS ACV
1 ARD (T)	1 LAMBET OSS
2 SUPPORT BARGES (RECTANGULAR)	

25X1D IMAGERY: [REDACTED]

25X1D  
[REDACTED]

25X1D KAZAN AIRFRAME PLANT GORBUNOV 22  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:  
THE PLANT AREA WAS CLOUD COVERED AND THE AIRFIELD WAS PARTIALLY  
CLOUD COVERED.

25X1D ASSOCIATED OBJECTS:  
[REDACTED] -- AT THE AIRFIELD  
14 MEDIUM SWEEP-WING (AT  
LEAST)

25X1D IMAGERY: [REDACTED]

25X1D  
[REDACTED]

25X1D KURUMOCH ROCKET ENGINE TEST FACILITY  
[REDACTED]

STATUS: OPERATIONAL

25X1A

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KH-4 MISSION 1114-2

SOVIET UNION  
INDUSTRY

REMARKS:

25X1D

THE LARGE TANKS PREVIOUSLY OBSERVED IN THE VICINITY OF TEST  
STAND 1 ON [REDACTED] HAVE BEEN EMPLACED NW OF THE  
STAND.

IMAGERY:

25X1D

25X1D

25X1D

KUYBYSHEV AIRFRAME PLT STALIN 1  
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1D

ASSOCIATED OBJECTS:

[REDACTED] -- AT THE PLANT  
16 LONG RAIL CARS (AT  
LEAST)

IMAGERY:

25X1D

25X1D

25X1D

LENINGRAD SHIPYARD ADMIRALTY 194  
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

A V SSN HAD BEEN LAUNCHED AND WAS FITTING OUT BETWEEN TWO YRSN  
(ONE 975-CLASS AND ONE 925-CLASS) AT THE QUAY AT POSITION 46.  
A FISH FACTORY SHIP WAS UNDER CONSTRUCTION ON WAY 51.  
CONSTRUCTION CONTINUED ON THE BUILDING SE OF POSITION 461, ON  
THE ROAD BRIDGE ACROSS THE FONTANKA CANAL, AND ON THE BUILDING  
BEHIND AND TO THE SOUTH OF THE FIVE-DOOR CONSTRUCTION HALL. THE  
AGBL ON WAY 50 HAD APPARENTLY BEEN LAUNCHED.

25X1D

NAVAL ORDER OF BATTLE:

1 V SSN (AT POSITION 46)  
1 AGBL (AT POSITION 47)  
1 ARD (D), LARGE TYPE  
2 ARD (D)  
1 ZEYA YRSN  
1 PROB YR  
1 925-CLASS YRSN

1 975-CLASS YRSN  
1 VYATKA POL BARGE  
1 SUPPORT BARGE  
1 VOSTOK FISH FACTORY SHIP  
1 FISH FACTORY SHIP  
1 FLOATING CRANE

IMAGERY:

25X1D



HANDLE VIA TOP SECRET RUFF  
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SOVIET UNION  
INDUSTRY

25X1D Leningrad Shipyard Baltiysk Ordzh 189  
[REDACTED] NAC [REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

1 YURI GAGARIN SSES  
1 REPLENISHMENT SHIP (AT  
POSITION 13)  
3 MERCHANT SHIPS (AT  
POSITIONS 16 + 21)

1 LARGE CARGO BARGE (AT  
POSITION 22)  
3 SMALL VESSELS

IMAGERY: [REDACTED]

25X1D

25X1D Leningrad Shipyard Sudomekh 196  
[REDACTED] NAC [REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

1 F SS (AT POSITION 32)  
1 KHARKOV FREIGHTER  
1 VYATKA POL BARGE  
1 CATAMARAN  
3 LARGE CARGO BARGES

1 TUG  
1 NEW YR  
1 UNIDENTIFIED VESSEL  
1 FLOATING CRANE

IMAGERY: [REDACTED]

25X1D

25X1D Leningrad Shipyard Zhdanov 190  
[REDACTED] NAC [REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

3 KRESTA CLGM  
1 KANIN DDG  
1 KRUPNYY DDGS (UNDER  
CONVERSION)  
1 LARGE COMBATANT (ON  
BUILDINGWAY AT 64C)  
2 PROB CARGO SHIP

1 CARGO SHIP  
1 BOLVA APL  
3 FLOATING CRANES  
3 HULL SUBASSEMBLIES (AT  
POSITION 59)

HANDLE VIA TOP SECRET RUFF  
TALENT KEYHOLE  
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CONTROL SYSTEM ONLY

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SOVIET UNION  
INDUSTRY

PYATIDESYATILETIYE KOMSOMO

IMAGERY:

25X1D

25X1D

LUKHOVITSY AIRFRAME PLT  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

25X1D

-- AT THE PLANT

3 BEAGLE

1 PROB FLAGON

1 PROB FITTER

6 FLOGGER

1 FISHBED

1 COOKPOT

1 COOKER/CAMEL

1 COOT

2 MAY

1 COLT

5 FUSELAGE CRATES

IMAGERY:

25X1D

25X1D

NIKOLAYEV SHIPYARD NOSENKO 444  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D

1 MOSKVA CHG

2 LAMA AEM

1 PRIMORYE AGI (IN ARD-D)

1 UGRA AS

2 MERCHANT SHIPS (KAPITAN  
KUSHNARENKO-CLASS)

2 MINTAI FISH FACTORY SHIP

1 FLOATING CRANE

5 SMALL VESSELS

3 PROB MERCHANT SHIPS (UCON  
ON BUILDINGWAYS)

IMAGERY:

25X1D

25X1D

NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA445  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D

1 445-B CLG

4 KASHIN DLG

1 SIBIR REFRIGERATOR SHIP

1 FLOATING CRANE

HANDLE VIA TOP SECRET RUFF  
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SOVIET UNION  
INDUSTRY

2 KOTLIN DDG  
3 PROB PRUT ASR (1 IN  
ARD-D)

2 LARGE BARGES  
4 SMALL VESSELS

25X1D

IMAGERY: [REDACTED]

25X1D

PAVLOGRAD SOLID MOTOR TEST FACILITY

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THERE WAS PROBABLE CONSTRUCTION ACTIVITY NEAR THE LARGE  
BARRICADE IN THE TEST SUPPORT FACILITY.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

PETROVKA NAVAL BASE + SHIPYARD  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE Y SSBN HAD DEPARTED.

NAVAL ORDER OF BATTLE:

25X1D

3 E-II SSGN (2 ON WAYS 1 +  
4)

1 POSS E-I SSN (IN ARD-T)

2 LARGE SS (ON WAYS 2 + 3)

2 SO-1 SC

2 202-A-CLASS AR

1 POSS SMALL SURFACE  
COMBATANT

1 POSS OKHTENSKIY ATR

2 AUXILIARIES

1 PM-124 YRSN

2 ZEYA YRSN

1 PETROVKA-A YRSN

2 ARD (T)

1 YR

4 SUPPORT BARGES  
(RECTANGULAR)

2 TUGS

6 SMALL VESSELS

2 FLOATING CRANES

- 25X1D IMAGERY: [REDACTED]

TCS-20145/71 - IPIR 2  
KH-4 MISSION 1114-2

SOVIET UNION  
INDUSTRY

25X1D  
RAMENSKOYE FLIGHT TEST CENTER

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

A LARGE NEW SOVIET TRANSPORT, PROBABLY OF ILYUSHIN DESIGN, IS NEWLY IDENTIFIED. THIS AIRCRAFT HAS FOUR JET ENGINES WHICH ARE MOUNTED UNDERNEATH A HIGH WING. THE AIRCRAFT HAS A HIGH T-SHAPED TAIL. IT IS SIMILAR IN CONFIGURATION TO THE LOCKHEED C-141 STARLIFTER. THE NEW TRANSPORT HAS A WINGSPAN OF APPROXIMATELY [REDACTED] AND A FUSELAGE LENGTH OF [REDACTED]

25X1D

25X1D

(SEE ATTACHMENT)

ASSOCIATED OBJECTS:

25X1D [REDACTED] -- IN THE ILYUSHIN AREA

1 NEW SOVIET JET TRANSPORT	3 COOT
1 BADGER	1 COKE
1 CLASSIC	1 MAY
1 CAT/CUB	4 SMALL DELTA/SWEPT-WING

25X1D [REDACTED] -- IN THE MYASISHCHEV AREA

1 BISON	1 COOT
1 BOUNDER	1 SMALL DELTA/SWEPT-WING
2 POSS FLAGON	

25X1D [REDACTED] -- IN THE MIL AREA

6 MEDIUM HELICOPTERS (AT LEAST)

25X1D [REDACTED] -- IN THE TRANSIENT AREA

3 CAMEL	1 CAB
3 CAT/CUB	2 HOOK/HARKE
4 COKE	3 SMALL SWEPT-WING
1 CODLING	2 SMALL STRAIGHT-WING
3 COOT	8 MEDIUM HELICOPTERS

25X1D [REDACTED] -- IN CROSSOVER PARKING AREA

30 SMALL DELTA/SWEPT-WING (AT LEAST) 2 PROB MANDRAKE

25X1D [REDACTED] -- IN EAST PARKING AREA

1 BEAR	7 FOXBAT (ONE IN TOW)
1 BLINDER	1 CHARGER

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SOVIET UNION  
INDUSTRY

8 BADGER  
1 RAM E

2 COOKPOT

25X1D [REDACTED] -- IN THE YAKOVLEV AREA

4 CODLING  
9 SMALL DELTA/SWEPT-WING  
(AT LEAST)

25X1D [REDACTED] -- IN THE MIKOYAN AREA

3 FOXBAT  
6 SMALL DELTA/SWEPT-WING  
(AT LEAST)

25X1D [REDACTED] -- ADJACENT TO MIKOYAN AREA

3 PROB BEAGLE

25X1D [REDACTED] -- IN THE SUKHOY AREA

3 PROB FLAGON  
5 PROB FITTER  
4 SMALL SWEPT-WING

25X1D [REDACTED] -- ADJACENT TO SUKHOY AREA

1 PROB BEAGLE  
1 FOXBAT  
1 CAMEL  
1 COOT  
2 CAB  
1 SMALL DELTA/SWEPT-WING  
(IN TOW)

25X1D [REDACTED] -- IN THE TUPOLEV AREA

1 KAZ-A (WITH WINGS SWEPT)  
1 KAZ-A (WITH WINGS  
EXTENDED)  
2 BLINDER  
2 BEAR  
1 FIDDLER  
2 CARELESS  
3 CRUSTY  
2 CAMEL  
2 COOKPOT  
1 CLEAT

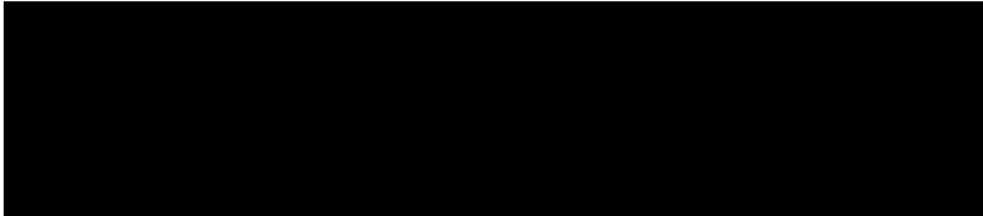
25X1D IMAGERY: [REDACTED]

25X2

TCS-20145/71 - IPIR 2  
KH-4 MISSION 1114-2

SOVIET UNION  
INDUSTRY

25X2



25X1D

SEVERODVINSK SHIPYARD YAGRY ISLAND  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE PROBABLE A SSN WAS OBSERVED AT THE REPAIR QUAY BETWEEN A 925-CLASS YRSN AND A 975-CLASS YRSN. THE 402K SUBMARINE WAS AT THE REPAIR QUAY AS PREVIOUSLY REPORTED AND APPEARED TO BE INTACT.

NAVAL ORDER OF BATTLE:

25X1D

-- AT QUAY

2 E-II SSGN (1 IN THE  
ARD-D)

1 402K SUBMARINE

1 PROB A SSN

1 N SSN

1 MEDIUM SS

1 TOVDA AR

2 BOLVA APL

1 925-CLASS YRSN

1 975-CLASS YRSN

1 ARD-D

5 SUPPORT BARGES  
(RECTANGULAR)

1 TUG

25X1D

-- IN WET BASIN

1 PROB E-II SSGN

1 POSS G SSB

1 POSS N SSN

1 SUPPORT BARGE  
(RECTANGULAR)

25X1D

IMAGERY:



25X1D

SEVERODVINSK SHIPYARD 402

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

A Y SSBN WAS OBSERVED AT POSITION III AT THE MAIN FITTING-OUT QUAY. THIS WAS PROBABLY THE TWENTIETH UNIT BUILT AT SEVERODVINSK. A POSSIBLE Y SSBN WAS OBSERVED IN THE LAUNCH BASIN ON CONSTRUCTION ACTIVITY WAS CONTINUING NORTH OF THE MAIN

25X1D

TCS-20145/71 - IPIR 2  
KH-4 MISSION 1114-2

SOVIET UNION  
INDUSTRY

25X1D

25X1D

CONSTRUCTION HALL. AN AREA BEING EXCAVATED WAS [REDACTED]  
[REDACTED] PARALLEL TO THE MAIN CONSTRUCTION  
HALL. THE WEST END OF THE EXCAVATION WAS AT THE EDGE OF THE  
LAUNCH BASIN.

25X1D

NAVAL ORDER OF BATTLE:

[REDACTED] -- AT MAIN QUAY

1 Y SSGN

1 BREASTING PLATFORM

2 SUPPORT BARGES  
(RECTANGULAR)

1 FLOATING CRANE

2 PROB SUPPORT BARGES  
(RECTANGULAR)

25X1D

[REDACTED] -- IN LAUNCH BASIN

1 E-II SSGN

1 SUPPORT BARGE  
(RECTANGULAR)

1 402H CATAMARAN

25X1D

[REDACTED] -- HULL SECTION STAGING AREA

8 PRESSURE HULL SECTIONS  
(Y-CLASS)

25X1D

[REDACTED] -- DEGAUSSING AND CALIBRATION QUAY

1 POSS V SSN

2 BARGES

25X1D

[REDACTED] -- EAST QUAY

1 112B YRSN

1 TUG

1 402C YRSN

1 FLOATING CRANE

1 925-CLASS YRSN

1 CARGO BARGE

1 ARD-D (WITH 2 SMALL CRAFT  
ABOARD)

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

VLADIVOSTOK SHIPYARD ULIS  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

1 OSA PTFG

2 POSS OSA HULLS (ON WAYS)

1 PROB STENKA SC

3 POSS STENKA HULLS (ON  
WAYS)

1 POSS STENKA SC

25X1D

IMAGERY: [REDACTED]

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25X1D

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TCS-20145/71 - IPIR 2  
KH-4 MISSION 1114-2

VIETNAM, NORTH  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D HA NOI/GIA LAM AIRFIELD  
[REDACTED] NAC  
[REDACTED] 25X1D  
STATUS: OPERATIONAL 25X1A  
25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
1 COOT 2 CRATES  
6 CAB 1 COLT  
25X1D IMAGERY: [REDACTED]  
25X1D PHUC YEN AIRFIELD  
[REDACTED] NAC  
[REDACTED] 25X1D  
STATUS: OPERATIONAL 25X1A  
25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
12 FISHBED  
25X1D IMAGERY: [REDACTED]  
25X1D YEN BAI AIRFIELD  
[REDACTED] NAC  
[REDACTED] 25X1D  
STATUS: OPERATIONAL 25X1A  
25X1D AIR ORDER OF BATTLE:  
[REDACTED]  
5 SWEPT-WING  
25X1D IMAGERY: [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D HA NOI/BAC MAI AIRFIELD  
[REDACTED] NAC  
[REDACTED] 25X1D  
STATUS: OPERATIONAL 25X1A

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25X1D

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## **Attachments**

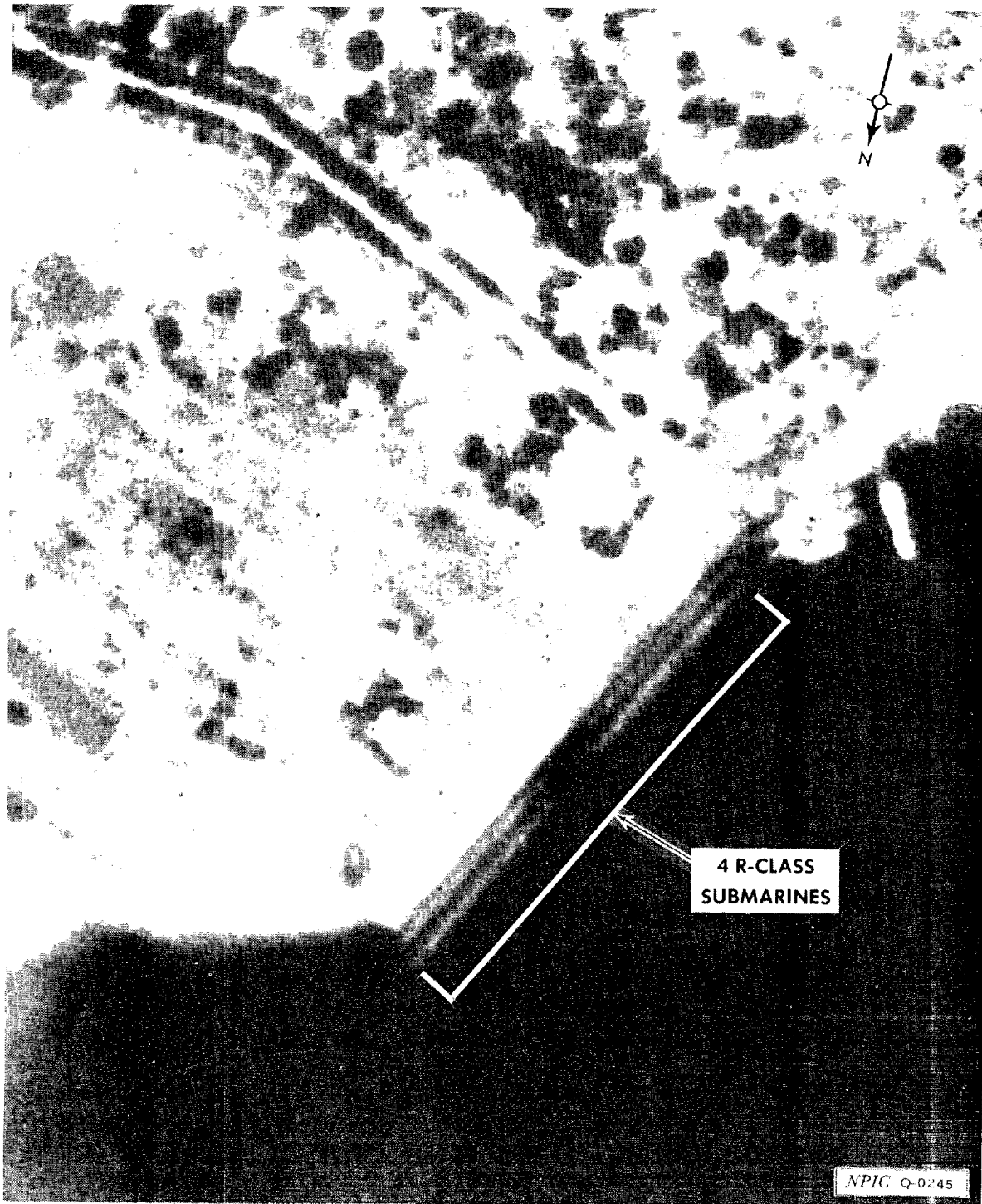
Handle Via  
Talent-KEYHOLE  
Control System Only

**TOP SECRET RUFF**

KH-4 MISSION 1114-2  
31 MARCH - 8 APRIL 1971

TCS-20145/71

ATTACHMENT 1



YU-LIN NAVAL FACILITY SOUTH, CHINA

25X1A

Handle Via  
Talent-KEYHOLE

Handle Via  
Talon KEYHOLE  
Control System Only

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TOP SECRET RUFF  
KH-4 MISSION 1114-2  
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ATTACHMENT 2



FOXBAT AIRCRAFT CAIRO AIRFIELD WEST, EGYPT

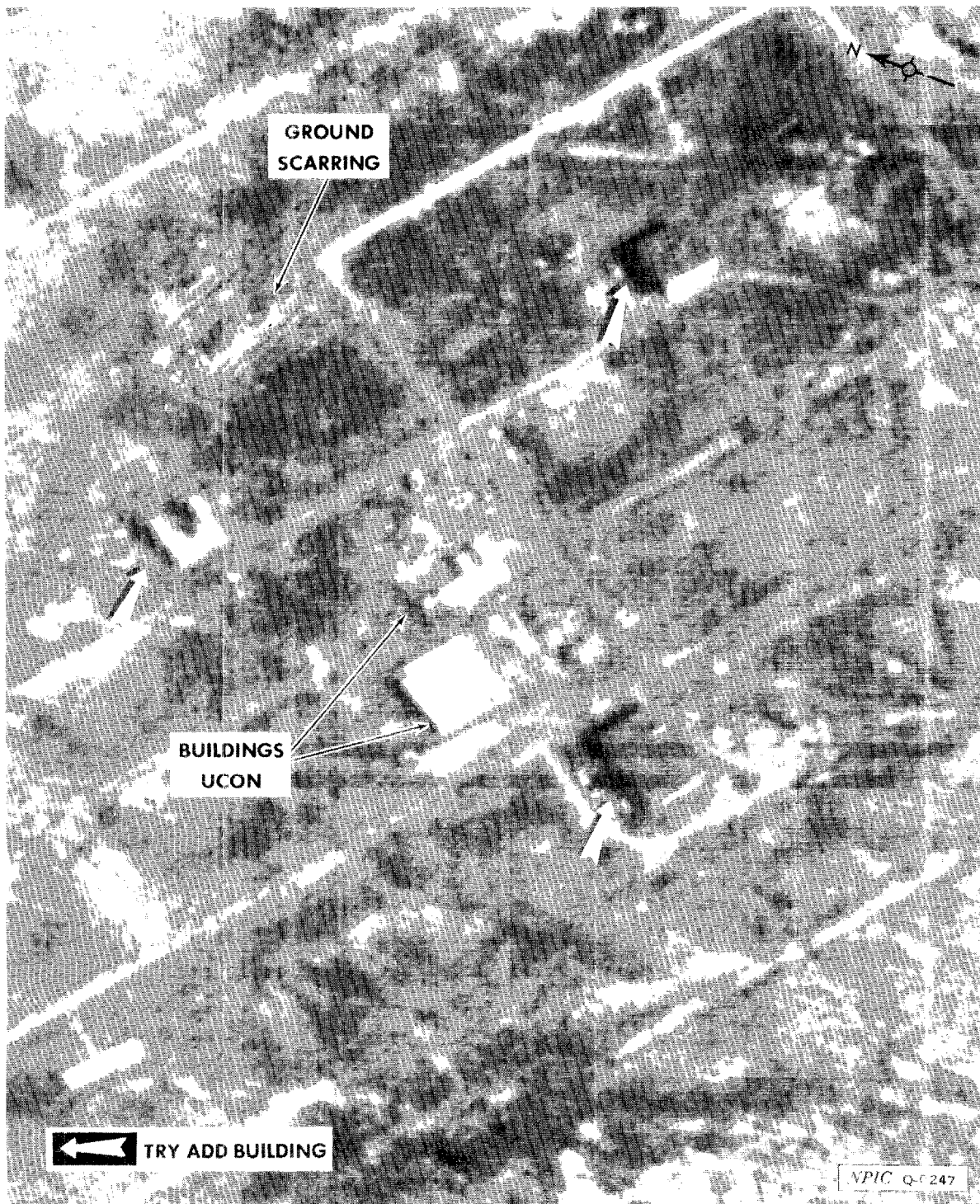
25X1A

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Handle Via  
Talon KEYHOLE  
Control System Only

KIT-4 MISSION 1114-2  
31 MARCH - 8 APRIL 1971

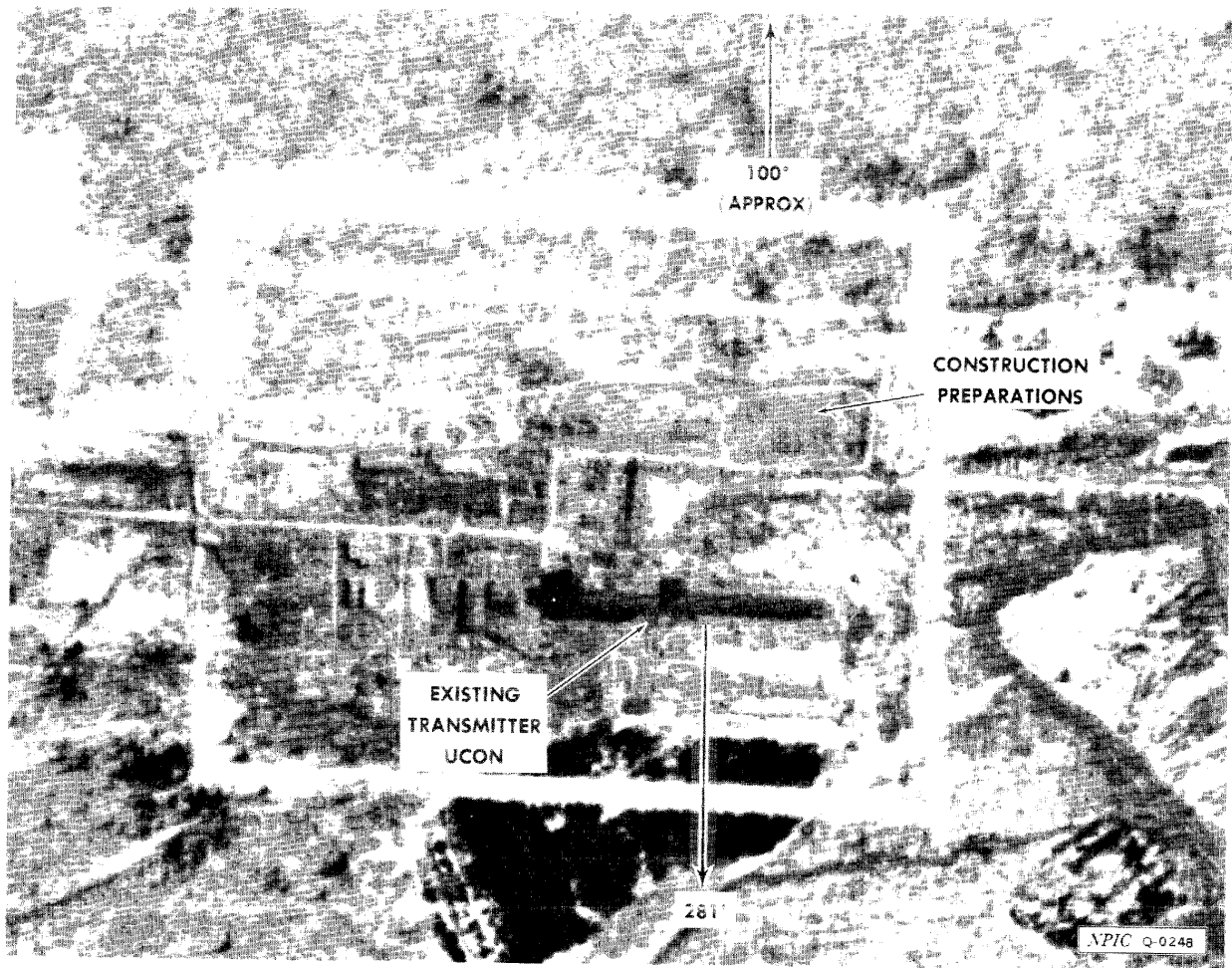
ATTACHMENT 3



MOSKVA ARM LAUNCH COMPLEX E21, USSR

25X1A





CHEKHOV ARMY SPACE RADAR SITE A, USSR

Handle Via  
Talent KEYHOLE  
Control System Only

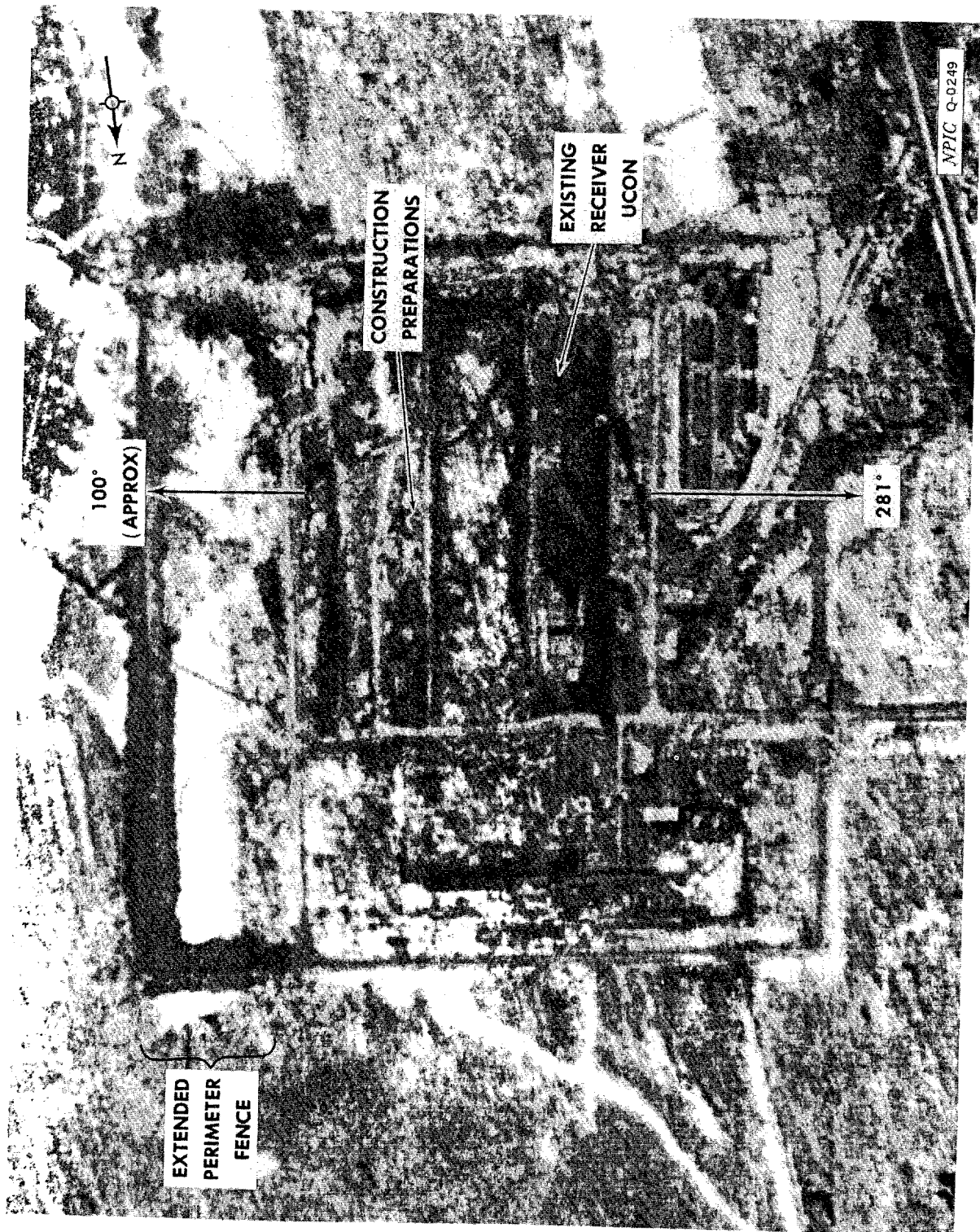
TOP SECRET RUFF

KU-4 MTSSON 1114-2  
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TPS-10145/77  
AFPA JMWEP 14

TOP SECRET RUFF

Handle Via  
Talent KEYHOLE  
Control System Only



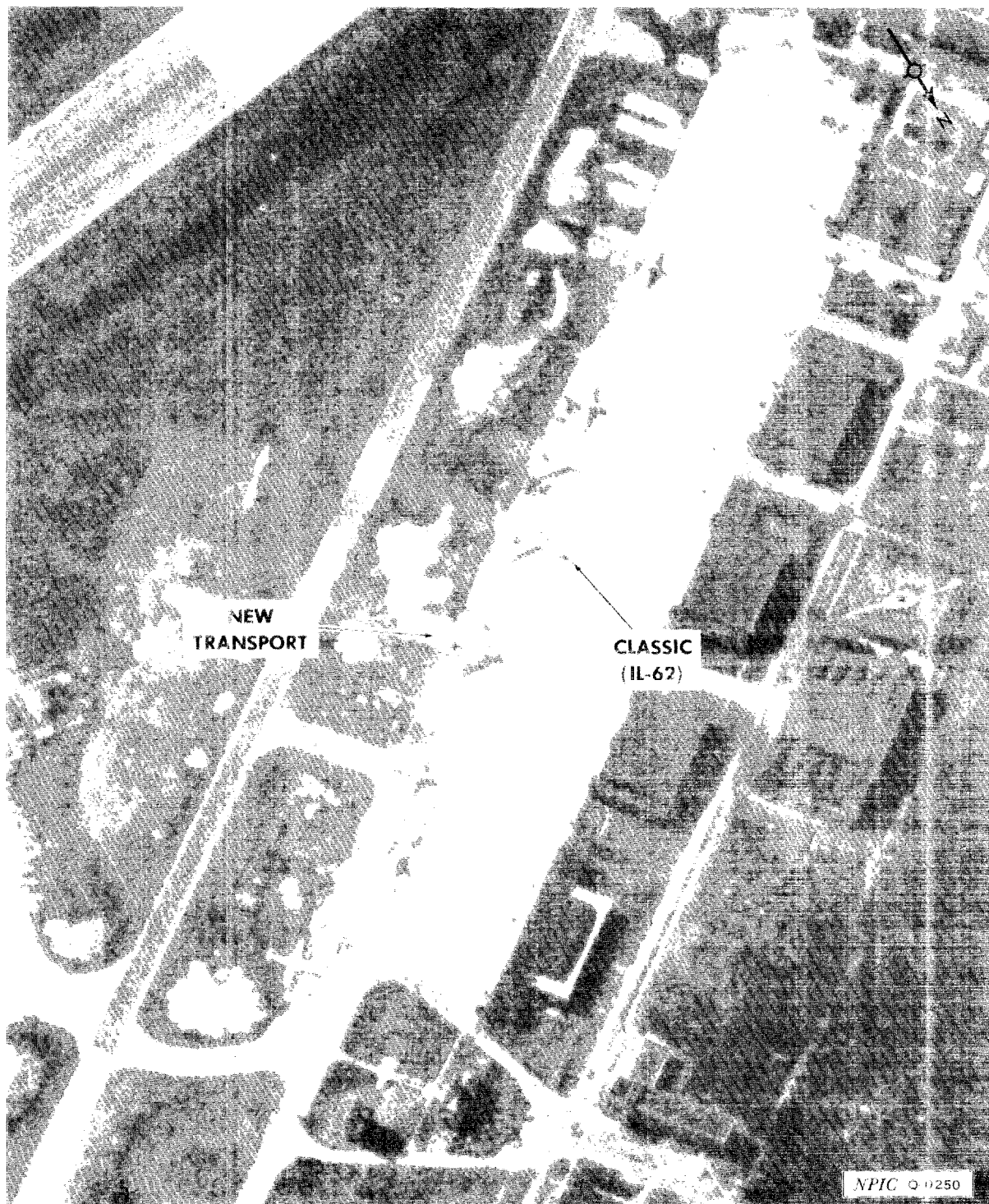
TOP SECRET RUFF

Handle Via  
Talent-KEYHOLE  
Control System Only



KH-4 MISSION 1114-2  
31 MARCH - 8 APRIL 1971

ATTACHMENT 6



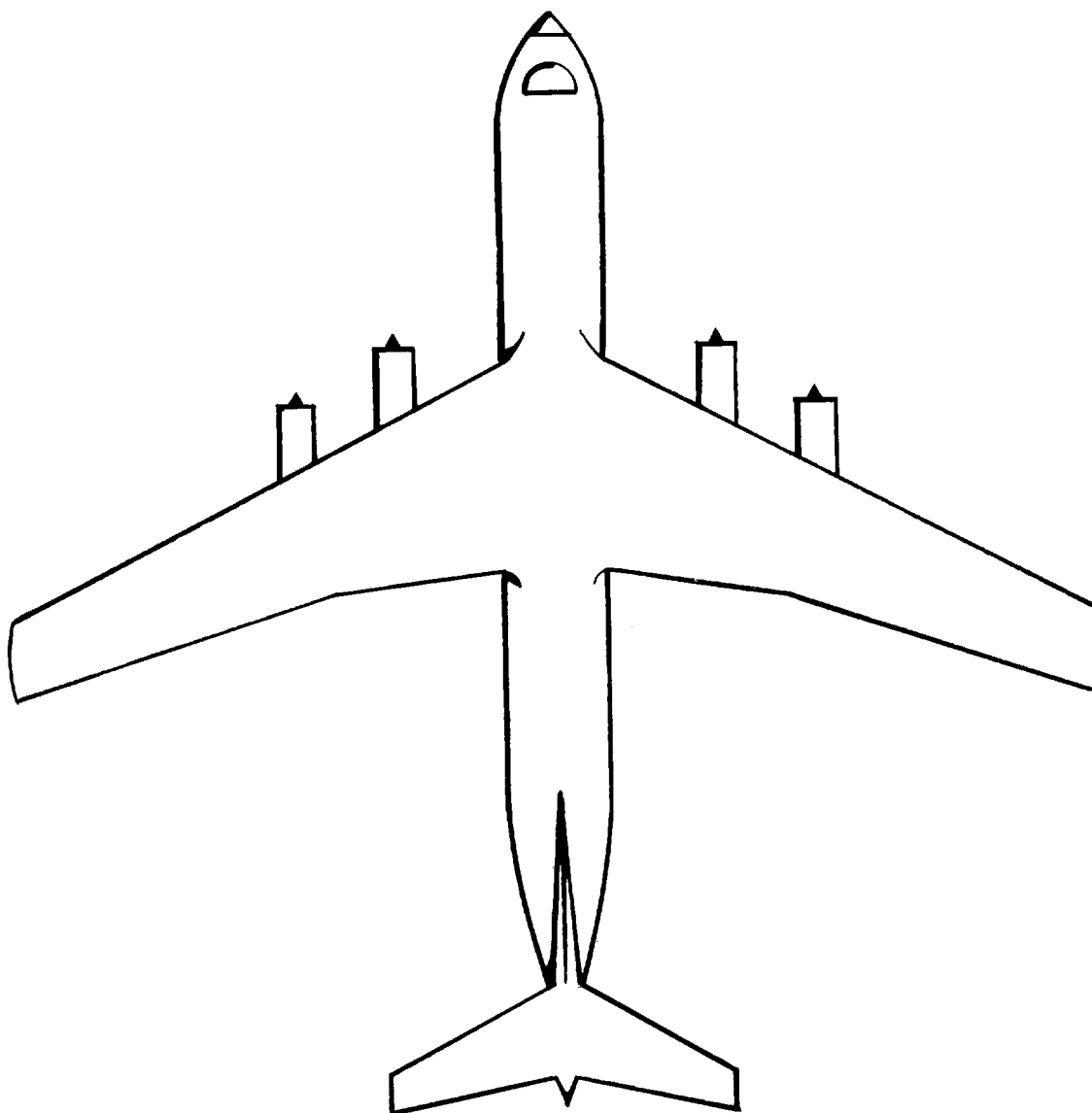
NEW SOVIET TRANSPORT RAMENSKOYE FLIGHT TEST CENTER, USSR

25X1A

Handle Via  
Talent Keyhole  
Control System Only

TOP SECRET RUFG  
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KH-4 MISSION 1114-2  
31 MARCH - 8 APRIL 1971

TCS-20145/71  
ATTACHMENT 7



NPIC Q-0256

PROVISIONAL DRAWING NEW SOVIET TRANSPORT RAMENSKOYE FLIGHT TEST CENTER, USSR

25X1A

TOP SECRET RUFG  
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Handle Via  
Talent Keyhole  
Control System Only



BIYSK ROCKET MOTOR TEST FACILITY, USSR

25X1A

25X2 Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010006-9

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TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC, AND PLESETSK MSC

COMPLEX	SS-7	SS-8	SS-9	SS-11	SS-13		TOTALS*	LAUNCH GROUPS	LAUNCHERS	
	TYPE IIA, B & D & IIIA	TYPE IIC & IIIB	TYPE IIIC	TYPE IIID	TYPE IIIE	TYPE IIIF		IDENTIFIED	NEW THIS MISSION	DROPPED THIS MISSION
	SITES		LAUNCHERS						COMPLETE	INCLUDED IN TOTAL
ALEYSK ★			30				30	5/5		
DOMBAROVSKIY ★			65			2	67	11/10	1	
DROVYANAYA ★	6/15			50			65	5/5		
GLADKAYA ★	3/7			60			67	6/6		
IMENI GASTELLO ★			54			3	57	9/8		
ITATKA ★	3/6						6			
KARTALY ★			42			(3)	42	7/6		
KOSTROMA ★	7/15			90			105	9/9		
KOZELSK ★		5/12		110			122	11/11		
NOVOSIBIRSK	5/12						12			
OLOVYANNAYA ★	3/9			90			99	9/9		
OMSK ★		1/3					3			
PERM ★	6/13			80			93	8/8		
SHADRINSK ★	3/9						9			
SVOBODNYI	8/17			60			77	6/6		
TATISHCHEVO				120			120	12/12		
TEYKOVO ★	6/12			80			92	8/6		
TYUMEN ★		2/4					4			
UZHUR ★			60				60	10/9		
VERKHNYAYA SALDA	9/20						20			
YEDROVO ★	8/18			110			128	11/11		
YOSHKAR OLA ★	6/12				65		77	8/2		
YURYA ★	11/25						25			
ZHANGIZ-TOBE ★			54			1	55	9/8		
TOTALS	84/190	8/19	305	850	65	6	1435	144/131	1	

TYURATAM MTC	TOTAL LAUNCHERS INCLUDES 17 SSM R&D SPACE LAUNCH POSITIONS	79			
PLESETSK MSC	TOTAL LAUNCHERS INCLUDES 8 SSM R&D SPACE LAUNCH POSITIONS	33			

\*TOTALS DO NOT INCLUDE THE TRAINING SITES AT THE 17 SINGLE-SILO COMPLEXES NOR THE TYPE IIID LAUNCH SITES AT THE DERAZHNYA MRBM COMPLEX AND THE PERVOMAYSK IRBM COMPLEX.  
 ★ COMPLEX AT LEAST PARTIALLY COVERED ON THIS MISSION  
 PARENS INDICATE POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN COUNT

KH-4 MISSION 1114-2  
31 MARCH - 8 APRIL 1971

Table 2. SOVIET MRBM AND IRBM DEPLOYMENT

GEOGRAPHIC AREA	SOFT MRBM LAUNCH SITES	SOFT IRBM LAUNCH SITES	HARD MRBM LAUNCH SITES	HARD IRBM LAUNCH SITES	TOTAL LAUNCH SITES	TOTAL LAUNCH POSITIONS
WESTERN	100	10*	18	10	135	542**
CAUCASUS	3		2	3	8	29
CENTRAL ASIA	2	1	1	3	7	25
FAR EASTERN						
TOTALS	105	11	21	16	150	596**

Totals do not include 92 fixed field-type sites with total of 341 launch positions

\*One has only 2 pads

\*\*Totals do not include the 113 inactive launch positions at Anastasyevka, Gvardeysk, Simferopol, Barano-Orenburgskoye, Balta, Uman (2 sites), Paplaka, Mukachevo, Derazhnya (2 sites), Suchan, Kremovo, Kivertsy (1 site), Novosysoyevka, Ugolnyy, Zhitomir (1 site) and Kamenets Podolskiy Complexes

Table 3. TYPE IIID LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES*	LAUNCH GROUPS	LAUNCHERS	
			NEW THIS MISSION	DROPPED THIS MISSION
		IDENTIFIED	INCLUDED IN TOTAL	
★DERAZHNYA	61	6	3	
★PERVOMAYSK	60	6	6	
Totals*	121	12	9	

\*Totals do not include training sites

★Complexes at least partially covered on this mission

Table 4. TYPE III F LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES	LAUNCH GROUPS	LAUNCHERS	
			NEW THIS MISSION	DROPPED THIS MISSION
		IDENTIFIED	INCLUDED IN TOTAL	
★DERAZHNYA	10	1 (Prob)	2	
★PERVOMAYSK	30(1)	3 (Prob)	30(1)	
Totals	40(1)	4 (Prob)	32(1)	

★Complexes at least partially covered on this mission

( ) = Possible Site

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